

SEQUENCE LISTING

<110> Friedrich, Glenn
Zambrowicz, Brian
Sands, Arthur T.

<120> Novel Murine Polynucleotide Sequences
and Mutant Cells and Mutant Animals Defined Thereby

<130> LEX-0101-USA

<150> US 60/168,270

<151> 1999-12-01

<160> 1461

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 198

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(198)

<223> n = A,T,C or G

<400> 1

aaagaacgcg caaggtgaat caaaaaacct ggaatgatgg ttgtgagctg tcacatggan	60
aatcgaaatt gaacctgggt cctctggaag ggcaaccaat atccttaact gctgagctat	120
ttctccagcc ccttccacca tcggttctct tggcaganaa aacaagagaa aaaggacact	180
atgggaaaaa taaagaaa	198

<210> 2

<211> 295

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(295)

<223> n = A,T,C or G

<400> 2

gatcacaaaa acaacacggg ctggactagg cccctgcat atatatagca natgagccac	60
ttgatcttca tgcaggtctc ccaaacaact ggagctgggg ctgtccctga gtctgttgcc	120
tgcttgtgga tgctgcgcc ctaaatggac agtcttgtct ggctgggtg gganaaaatg	180
tgectactcc tcctgcaggg acttgatntg cagggggcgg ggtggggga gtgacatttg	240
anatgggggc ttccccttct ctttgaaaaa ggggatggg ggaaggacct gctta	295

<210> 3

<211> 239

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(239)

<223> n = A,T,C or G

<400> 3

atgtgcaggt	atggtgtcca	ggtatgacag	gaccacacca	ttgctgtctt	taanaaattg	60
ctgggggctg	gcgaagatgg	ctcagtgggt	aagagcatca	actgcttttc	cgaagggtccc	120
gagttcaaat	cccagcaacc	acatggtggc	tcacaaccac	ccgtaaagaa	atctgatgcc	180
ttcttctgga	aaatctgang	anagctacag	tgttacttac	atataataaa	taaatcttt	239

<210> 4

<211> 370

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(370)

<223> n = A,T,C or G

<400> 4

aggatcctca	cctgcatcaa	gnaaaacttc	tctttgccgt	agatggagac	cattgcanaa	60
aactacaaca	gatcacaata	cggagtgttg	gaaccanac	tcaagcgtag	caactattta	120
tgaaaaagat	agctcaagaa	aaaaaatttt	tgtttgaaat	agggtttctc	catgtagccc	180
tggtgtctct	ggaactcnct	ctgtaaacca	ggccagcctc	tggttcaaaa	atctaccac	240
ctctgcctcc	caantgctgg	gattaaaggt	gcatgctact	aattctggct	tttaagaggc	300
cataantttg	aaanaaagca	aagagggaca	tgcnngaaaa	tttgttgggg	aggaaaagga	360
tgaaggaaat						370

<210> 5

<211> 292

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(292)

<223> n = A,T,C or G

<400> 5

gtgctccagt	cgctgtgatc	ccangaactg	ggatggcttg	antcatggat	accaaggatg	60
gcactgaact	tctcatcctt	ctaattccca	agtgttaaaa	tttcaggat	gggctgggtga	120
natggctcag	tgggtaanan	cgcccgactg	ctcttcgaa	ggtctgaagt	tcaaattcca	180
gcaaccacat	ggtggctcac	aaccatctgt	aacaagatct	gacgccctct	tctggagtgt	240
ctgaaaacag	ctacagtgt	cttacatata	ataaataaat	aaatcttta	aa	292

<210> 6

<211> 224

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(224)
 <223> n = A,T,C or G

<400> 6
 ttgatcagat tgactcgcctg ccgctgagca tgagaccact ggggtggagc cttccgacct 60
 anccggctct attgttctgt cacctgctgc tgctcgtctc caaaacactg ctacctgctg 120
 aaaggccctt ganataatct ggaanacagc atccagccga tcacctactg gctggcgaag 180
 ggcaccaaaa atggattgtt tggggggggc gggggaagaa ttgt 224

<210> 7
 <211> 311
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(311)
 <223> n = A,T,C or G

<400> 7
 tttggaagaa agacaataat acaatgagct aacagagttt atcanagaat ccgganggct 60
 ggaatcatgg ataccaaggg atggcactng aattctcanc cttctaattc ccaagtgtta 120
 anatttcagg tatgggctgg tgaaatggct cactgggtaa aancgcccga ctgctcttcc 180
 gaaggtctga agttcaaadc ccagcaacca catgggtggc cacaaccatc tgtaacanga 240
 tctgacgccc tcttctggan tgtctgaana cagctacggt gtacttacat ataataaata 300
 aataaatctt t 311

<210> 8
 <211> 320
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(320)
 <223> n = A,T,C or G

<400> 8
 cctcccccaa gccctggaag caggttgatt cagacttgac ctgctgcccg ctgagcatga 60
 naccacctgg ggtggagcct tccgacctan ccggctctat tgttctgtca cctgctgctg 120
 ctgctctcca aaacactgct acctgctgaa aggcccttga nataatctgg agacagcatc 180
 cagccgatca cctactggct ggcgaagggc accaaaaatg gattgtttgg ggggggagg 240
 ggangaatgg tggggatggg ggatggcggc ccncctttat aantacanac tcttantaaa 300
 ctttgggggc ttgaacagaa 320

<210> 9
 <211> 304
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(304)
 <223> n = A,T,C or G

<400> 9

gtcctcctac	ccccanattc	atctccacta	tccccagccc	tttcctctgc	tttccttacc	60
caaacacagg	caaacntctc	cataaatgga	gattgcagat	agtgganctg	cagaaatgga	120
ctctgttnca	gactggcctc	aaactcaaaa	atccgcctgc	ctctgcctcc	cgantgccgg	180
gaagtcgaac	gccaccaagc	ctggctcaca	natctgcaat	ttaactggtc	cancettaact	240
tagtttttac	taaaagcaaa	ttgcaatggg	ctatttgtcc	cnaaattaac	aaccttaaaa	300
tcta						304

<210> 10
 <211> 166
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(166)
 <223> n = A,T,C or G

<400> 10						
tatggagtct	tggctaacct	ggaacacaca	gagatgtatc	ttcccctgct	gggattaaag	60
gcctagctca	cactagccag	aattttacng	aagaagaagg	aggaggagga	ggaggaggag	120
gaggagaagg	aggagaagga	gaggagaaag	aagaagaaga	agaaga		166

<210> 11
 <211> 218
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(218)
 <223> n = A,T,C or G

<400> 11						
acttgacctc	gctgccgctn	ancatgagac	cacctggggg	ggagccttcc	gacctaaacc	60
gctctattgt	tctgtcacct	gctgctgctc	gtctccaana	cactgctacc	tgctgaaagg	120
cccttgaaat	aatctggana	cagcatccan	ccgatcacct	actggctggc	gaagggcacc	180
aaaaatggat	tgtttggggg	gggcggggga	agaattgt			218

<210> 12
 <211> 221
 <212> DNA
 <213> Mus musculus

<400> 12						
aacactgtaa	ctgtcttcag	atgcaccaga	agagggcgct	agatctcatt	acggatgggt	60
gtgagtcacc	atgtgggtgc	tcggatttga	actcaggacc	ttcgggaaga	cagtccgtgc	120
tcttaccctc	tgagccatct	caccagccct	gatctccatt	gtatgtgcat	gcacatgtaa	180
ataaacataa	taaaacatcg	taagtcttga	aaaaaaaaac	a		221

<210> 13
 <211> 305
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(305)
 <223> n = A,T,C or G

<400> 13
 gacaatgttt actagcctcc naaatcttac gcagcttcaa gaggttcgca gacgccctta 60
 aactcaacca gaagtcacaga acggagtgtt cccaagaaca ataacaatag tcactaatca 120
 anccgggtgn ggtggcacia gcctttantc ccagcacttg ggaggcagag gcnggcngat 180
 ttctgagtta gaggccagnc tgntctacnn agtgngttnn agaacagcca nggctatnca 240
 gagaaaccct gtctcaaaat accanaaaaa acccaaancc aatagtcact gatcatgcac 300
 ctccct 305

<210> 14
 <211> 315
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(315)
 <223> n = A,T,C or G

<400> 14
 cactgaggaa gaaaatgaag tatacgagat gcactcctca ggtaaanaca tgtgctccca 60
 gtcctgagtt cgatecctgc atngcacata attcattaag agaattgact ttccngaagt 120
 gncaacttnt gctccacatg tgcanatgcc canagggcca cagaacccca ccccaaataa 180
 atcaaattna tnatatccca ccacntggga ggcngaggca ggcgaatatt ctgagttcga 240
 ggccagcctg gtctantgag tangttccag gacagccagg actatccaga gaaaccctgt 300
 ctcaaaaaaac aaaaa 315

<210> 15
 <211> 311
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(311)
 <223> n = A,T,C or G

<400> 15
 ctggaacagg ttgattcaga cttgacctcg ctgccgctga gcatgagacc acctgggggtg 60
 gagccttcog acctagccgg ctctattgtt ctgtcacctg ctgctgctcg tctccaanac 120
 actgctacct gctgaaaggc ccttgagata atctggagac agcatccagc cgatcaccta 180
 ctggctggcg aagggcacca aaaatggatt gtttgggggg ggcgggggaa gaatgggtggg 240
 aatggggaag cggccccctc tttataatta caaactctta gtaaactttg gggccttgaa 300
 cagaaaaaaa a 311

<210> 16
 <211> 251
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(251)
 <223> n = A,T,C or G

<400> 16
 ccctggaaca ggttgattca gacttgacct cgctgccgct gancatgana ccacctgggg 60
 tggagccttc cgacctancc ggctctattg ttctgtcacc tgctgctgct cgtctccaag 120
 acactgctac ctgctgaaag gcccttgaga taatctggan acagcatcca gccgatcacc 180
 tactggctgg cgaagggcac caagaatgga ttgtttgggg ggggcggggg aagaatggtg 240
 ggaatggggg a 251

<210> 17
 <211> 283
 <212> DNA
 <213> Mus musculus

<400> 17
 aggtgtctcg gaaaagggtt ctctgtgtag ttctggctgt cctagaatca gagatccacc 60
 tacctctgat tcaaaggact aggattaaat gcccggttaa agaagatact ccagggctgg 120
 agagatggct cagtggttca gatcacagac tgctcgtcca gaggtcctga gttcaattcc 180
 cagcaaccac aagggtggctc acaacacctc ttctggtgtg tctaaagaca gcaacagtgt 240
 attcatgtac attaatgaa taaataaatt gtaaaaaaaaa aaa 283

<210> 18
 <211> 415
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(415)
 <223> n = A,T,C or G

<400> 18
 aggagggtta ttatacataa agagaatgtg ccagtctaca gatggacaan aanagggcgt 60
 cagatctcat gganganag ttgtgagtca ccatgtgggt gctcggatnt gaactcanga 120
 ccttcgganc aacaatccgt gctctnacc actgagnctt ctcaccancc ctgatctntn 180
 tcgtntgtnc agncacatat nngtagacat nctaactcnt cgtnaatcgg gaatggagga 240
 agaanatgtg attgaanttt atcangaaca agcgggggggt cactcgacgg tttagataat 300
 tctttttatt ttttattttt cttttccctc aatccttttt tattttttaa aatagttctt 360
 ttgtaatgtg gtgttcaaaa tgaaaattga atactggcac tccatctctt aaaca 415

<210> 19
 <211> 379
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(379)
 <223> n = A,T,C or G

<400> 19
 cctgtgcaag agaaaggggc atcaaccac ccacaaaacc ttctaanca aagtgtgttc 60
 tgcctacaac atannacagg ataaagatgg agcagagatt naggggacgg ccaaccaatg 120
 actgcctaac tcgagacca tcccatggga taanagccaa ccctgccac tattgacact 180
 cggctatgct tgcagacagt gtgactcctt gacaacagtg tgctcgtta tggttttatg 240
 aaaccagtta acagtcttcc tccaaggtct ctgcttcagt ccctgcctcc aggaaatgcc 300
 ctgcttgtgt ttctgctctg acttccccca gtgatggaat gttaccatgg aagataaaat 360
 aaatctttcc cacatcaaa 379

<210> 20
 <211> 154
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(154)
 <223> n = A,T,C or G

<400> 20
 gcctttggga ttcaaacggg agccgcttng gactgactgg ntgcctncnt cctacntcnc 60
 cctcctcnc cttctnnttc aaatttatatt attatatgtg aatacactgt accagttnta 120
 ggacnacta aacaagggca ccacatctca ttgt 154

<210> 21
 <211> 362
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(362)
 <223> n = A,T,C or G

<400> 21
 aggggttccaa gatgcctttg ggatcaaacy ggagccgctt tggactgact ggctgccttc 60
 ctctcctctcc cctcctctccc cttctgtctt canatttatatt tattatatgt angtacactg 120
 tagcagttgt aggcacacact agacgagggc accagatctc attgtggggg gtgtgaaccn 180
 cccaccatgt ggttgctggg atttgaactc aagatcttca naanagcagt cagggtctta 240
 aaccgctgag ccactctctcc agcctcctgc attccttctt aaggcatgaa tgatcccagc 300
 ataggaagac agtctgcctt cctcctcttt cganccattt tccctttcac catatactca 360
 at 362

<210> 22
 <211> 330
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(330)
 <223> n = A,T,C or G

<400> 22
 aaatgccctt tgggattcgt acgggagccg ctttggactg actggctgcc ttctcctctcc 60
 nccccctcct ccccttctctg nttcagatnt atttattata tgtaagtaca ctgtagcagt 120
 tgtaggacac actagacnag ggcaccagat ctattgtgtg gtggttgtga accaccacc 180
 atgtggttgc tgggatntga actcaggatc ttcagaaaag cagtcagggc tctanaccgc 240
 tgagccatct ctccagcctc ctgcnttctt tcttanggna tnaatgatcc cagcatanga 300
 agacngctgc cctccctcct tttcgaacca 330

<210> 23
 <211> 219
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(219)
 <223> n = A,T,C or G

 <400> 23
 tcagacttga cctcgctgcc gctgaacatg aaaccacctg gggaggagcc ttccgacctta 60
 nccggctcta ttgttctgtc acctgctgct gctcgtctcc aagacactgc tacctgctga 120
 aaggcccttg anataatctg gagacagcat ccagccgac acctactggc tggcgaaggg 180
 caccaanaat ggattgtttg gggggggcgg gggaagaat 219

<210> 24
 <211> 213
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(213)
 <223> n = A,T,C or G

<400> 24
 tcacatgtat ccctccctgg ctgggctgga atcantatgt agaccagtac cagactccag 60
 ctcatcttgc ctctacttcc caaatgctga tattaaggc atgtgccgct actccccgca 120
 aaaaactttt ctattttaat tgaggatat ttcacaaaca aaaaatgtaa accttcaaga 180
 tctataataa aaattaaaca aacacttctc aag 213

<210> 25
 <211> 427
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(427)
 <223> n = A,T,C or G

<400> 25
 ttccagatgc ctttgagana aatgggaggc acaaccatng tcttttggat tangcnnac 60
 aatggagggn gtaangaagg canccaaacg cttacccttc nctntgcann gatctttccc 120
 aggcangnga aanatccncc cnacacctac gggaccgccc nccnttnacn gnttaactcg 180
 anacccatct catgggagaa aaccaacccc tgccacnant gacactcggc ctatgctngc 240
 ataacnatgt gactccttga caacagtgtg cctcnttatg gttttatgaa accagttaac 300
 agtcttcctc canggtctct gcttcagtc ctgcctccag gaaatgcct gcttggtgtt 360
 ctgctctgac ttccccagc gatggaatgt taccatggaa gataaaataa atctttccca 420
 catcaag 427

<210> 26
 <211> 389
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(389)
 <223> n = A,T,C or G

<400> 26
cgacgagatt cctgtnaaca nagaggggca tcagtccean ccncaaaacc ttccatccca 60
anatgtgtgc tgtctacnnc atacggaagg atnancatcg accaaacatc gaggggacng 120
ccaaccactg actgcctaac tcganaccca tcccntggga gacanccanc ccttgccacn 180
antgacactc ngctctatgct tgcataacag tgtgactcct tgacaacagt gtgcctcggt 240
atggttttat gaaaccagtt aacagtcttc ctccaaggtc tctgcttcag tccctgcctc 300
caggaaatgc cctgcttggtg tttctgctct gacttcccc agtgatggaa tgttaccatg 360
ggaagataaa ataaatcttt cccacatca 389

<210> 27
<211> 283
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(283)
<223> n = A,T,C or G

<400> 27
atctcaggaa ctggatggcc ttgaatcact ggatatcaag gatgacnngg aagttctcan 60
ccttctaatt cccaantggt aaaatttcag gtatgggctg gtgagatggc tcagtgggta 120
agancgcccg actgctcttc cgaaggctctg aagttcaaata cccagcaacc acatgggtggc 180
tcacaacat ctgtaacaag atctgacgcc ctcttctgga gtgtctgaan acagctacag 240
tgtacttaca tataataaat aaataaatct ttaaaaaaaaa aaa 283

<210> 28
<211> 325
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(325)
<223> n = A,T,C or G

<400> 28
aaaatgcctt tgggatcaaa cgggagccgc tttggactga ctggctgcct tcctcctcct 60
ccccctcctc ccccttctgc ttcagattta tttattatat gtaagtacac tgtagcagtt 120
gtaggacaca ctanacgagg gcaccagatc tcattgtggg tggttgtgaa ccaccacca 180
tgtggttgct gggatttgaa ctcaggatct tcagaanagc agtcagggct ctaaaccgct 240
gaanccatct ctccagcctc ctgcattcct tcttaaggca tgaatgatcc cagcatagga 300
aaacagtctg cccctccctcc ttttc 325

<210> 29
<211> 360
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(360)
<223> n = A,T,C or G

<400> 29
aatgaccagc atagccacat cagaaaggct tcaccagca attgatggan agagatnca 60

atacccacan	ccaaacatga	nacanagcct	gggaaagagg	gagaanatna	attgtaggaa	120
ccagaggggt	cnaaaacacc	aagaaaactg	cagaatcaac	caacctgacc	ccataacagc	180
tcacggagac	tgaaccacca	accagggagc	ctgcagggaa	ccgacctang	cctctgcaca	240
taggtaacag	ttgtgcagct	tgtctttgtt	aggtgtggga	ctcctancan	agggagcaga	300
ggctgtctct	gactcctttg	gctgcctgtc	aagtaaatac	attaataaaa	acttgtttga	360

<210> 30
 <211> 286
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(286)
 <223> n = A,T,C or G

<400> 30	
atctcaggaa	cctggatggc
cttgaactca	ctggataccc
aaggatggca	ctgaacttct
	60
catccttcta	attcccaagt
gttaanattt	caggtatggg
ctggtganat	ggctcagtgg
	120
gtaanaacgc	ccgactgctc
ttccgaaggt	ctgaagttca
aatcccagca	accacatggg
	180
ggctcacaac	catctgtaac
aagatctgac	gccctcttct
ggagtgtctg	aagacagcta
	240
cagtgtactt	acataataa
aataaataaa	tctttaaaaa
aaaaaa	
	286

<210> 31
 <211> 242
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(242)
 <223> n = A,T,C or G

<400> 31	
tacctcgctg	ccgctgagca
tgataccacc	tgggggtggag
ccttccgacc	tacccggctc
	60
tattgttctg	tcacctgctg
ctgctcgtct	ccaanaacnct
gntacctgct	caaangccct
	120
tgagataatc	tggagacanc
atccaaccna	tcacctactg
gctggnga	ggcaccctc
	180
atggattgtn	tggggggggc
gggggaagaa	tgggtgggatg
ggggagggcg	gccctctctt
	240
at	
	242

<210> 32
 <211> 209
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(209)
 <223> n = A,T,C or G

<400> 32	
cggagagagg	aaggggctcn
tgaattaaga	aaaatctctg
ctcttccana	gggctgggtc
	60
aattttcaac	acccaaatgg
tggctttcca	tcacccgtgg
cttcagttcc	aaatctgatg
	120
cattctggcc	tccttgggca
tcaggcatgc	gcattgcata
cacatataca	cacaggcaaa
	180
acacataata	ataaacattc
acttctctc	
	209

<210> 33
 <211> 331
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(331)
 <223> n = A,T,C or G

 <400> 33
 ggtcattgcc cagatgttca catttaggaa gcctgtctcc acatccctag gactatccca 60
 ctgtcactgc ctcagaaagc ctggtctcca gagtcgactg gtgtagtccc ccctccctca 120
 gcctgaaacc tgcttgctca ggggtggagc ttcccgtca atcgttctgc cagcccact 180
 gctggaatct gcccgcttg gtgttcggaa acctgcacca agnccccna ctnttgatt 240
 ccnaaantaa ttgnggggaa tcgggncccn tcccctgctt cataantgcg tgcggaacag 300
 taaaattgag ctttgatccg aaaaaaaaaa a 331

<210> 34
 <211> 288
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(288)
 <223> n = A,T,C or G

 <400> 34
 aggatctcag ggaagnctgg gatcggcctt gaatcactgg atacacaagg atggcactga 60
 acttctcadc cttctaattc ccaagtgtta anatttcagg tatgggctgg tgagatggct 120
 cagtgggtaa gacgcccga ctgctcttcc gaaggctga agttcaaadc ccagcaacca 180
 catggtggct cacaaccadc tgtaacaaga tctgacnccc tcttctggaa tgtctgaaaa 240
 canctacagt gtacttacat ataataaata aataaatctt taaaaaag 288

<210> 35
 <211> 285
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(285)
 <223> n = A,T,C or G

 <400> 35
 actggtctgc ttctctctcc tccccctcct ccccttctg cttcagattt atttattata 60
 tgtaagtaca ctgtagcagt tgtaggacac actagacgag ggcaccagat ctcattgtgg 120
 gtggttgta accaccacgc angtggttgc tgggatttga actcaggatc ttcagaanan 180
 cagtcagggc tctaaaccgc tgagcnatct ctccancctc ctgcattcct tcttaaggca 240
 tgaatgatcc cagcatanga anacantctg ccctccctcc ttttc 285

<210> 36
 <211> 321
 <212> DNA
 <213> Mus musculus

```

<220>
<221> misc_feature
<222> (1)...(321)
<223> n = A,T,C or G

<400> 36
agatgtttcac atttaggaag cctgtctcca catccctagg antatccac tgtcactgcc      60
tcaaaagcct ggtctccaga gtcgactggg gtagtcccc ctcctcagc ctgaaacctg      120
cttgctcagg ggtggagctt cccgctcaat cgttctgcc cgccactgc tggaatctgc      180
cgctttgctg ttcggaaccg tgcacnatgt caccagcta ttggattcca agcatthaatt      240
ggcggaatac gggcccttc ccctgcttca taactgcgtg cggaacagta aaattgagct      300
ttgatcagga aaaaagaaaa a                                     321

```

```

<210> 37
<211> 296
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(296)
<223> n = A,T,C or G

<400> 37
aggttgattc agacttgacc tcgctgccgc tgagcatgan accacctggg gtggagcctt      60
ccgacctagc cggctctatt gttctgtcac ctgctgctgc tcgtctccaa nacactgcta      120
cctgctgaaa ggcccttgaa ataatctgga gacagcatcc agccgatcac ctactggctg      180
gcgaagggca ccaagaatgg attgtttggg gggcggggg angaatgggt ggatggggaa      240
gggcggcccc tctttataat tacagactct tantaaactt tggggccttg aacaga          296

```

```

<210> 38
<211> 317
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(317)
<223> n = A,T,C or G

<400> 38
gaagaatgaa gcccacgcct tctgatttat gatgagtga c ttgttgccgc tagnnttgtn      60
tcaacttgac ncacctggag ttatcncaga naanggagcc ncccttgagg aantncctca      120
gtgacatcca nctgtaaggc attttctcna ttagtgatca atggtgaaag gccccttggtg      180
cgtgggacca tctctgggct ggtagtcttg agttctgtaa nacagcaggc tgagcaagcc      240
aggggaagca agccagtaaa gaacatccct ccatggcctc tgcancagct cctgcttcct      300
gacctgcttg agttcca                                     317

```

```

<210> 39
<211> 381
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(381)

```


<223> n = A,T,C or G

<400> 39

gacgagactt	cctgtgaaga	gagaggggca	tcatcccacc	cncaaaacct	tccancccaa	60
aatgtgttct	gnctacnaca	tacggaaggg	atnaanatng	accaaacatt	gaggggacgg	120
ccaaccagtg	actgcctaac	tcgagaccca	tcccatggga	nagagccaac	ccctgccact	180
attgacactc	ggctatgctt	gcagacagtg	tgactccttg	acaacagtg	gcctcgttat	240
ggtttttatga	aaccagttta	cagtcttctc	ccaaggtctc	tgcttcagtc	ccctgcctcca	300
ggaaatgccc	tgcttgtgtt	tctgctctga	cttccccccag	ttgatggaat	gtnaccatgg	360
gaaataaaaat	aaatctttcc	c				381

<210> 40

<211> 199

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(199)

<223> n = A,T,C or G

<400> 40

ctgccgccaa	ggttgacatc	aanatagcct	ggaaactgat	ggttgtgagc	tgtcacatgg	60
agaatcgaaa	ttgaacctgg	gtcctctgga	agggcaacca	atatccttaa	ctgctgagct	120
atttctccag	ccccttccac	catcggttct	cttggcagan	aaaacaagag	aaaaaggaca	180
ctatggaaaa	ataaagaaa					199

<210> 41

<211> 197

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(197)

<223> n = A,T,C or G

<400> 41

aagtcacaac	caagagtaac	ttcagcncca	ggggaaccaa	catcctnntg	anctcctcac	60
taaacatgca	cncatctgac	ggactctctc	tctctctctc	tctctgtgtg	tgtgtgtntg	120
tctgtctntc	tgtctctctc	tctctctgtg	tntgtctctc	tctctctccc	cnccacaca	180
gagtatataa	aaataac					197

<210> 42

<211> 342

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(342)

<223> n = A,T,C or G

<400> 42

atattttaac	aaactggcaa	tcaacagcaa	tcaacagcta	tgaaacagca	acctaccctg	60
cctcttggga	ccctagcatt	tatataccct	ctgaanagtt	cccagaattc	cagatgtcac	120

actatcacag	aaactatcct	cagctggcaa	aaaatcatat	ccctgctaga	gcatgaggca	180
aatcatagtc	agctgctgtg	gacagactga	accagcccca	taccacacct	gggattaaaa	240
caaaaacatg	ttctttatatt	nctgtannac	tntttctttt	nntgttagaa	catnatttta	300
atattttcaa	ctgttaatat	tcancaagca	gaataattat	tt		342

<210> 43
 <211> 501
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(501)
 <223> n = A,T,C or G

<400> 43						
attcctgctt	ccagttgaga	ntccgatcat	ttgtcgaggc	tggaacctgac	actccaacaa	60
ggctacacct	cctaataattg	tcactctttg	tgggccaagc	attcaaacac	atgagtcaaa	120
ccaccacagt	atcctaccta	gatctgtgtg	tttaactcag	agtatataca	gactctagga	180
aactagaaag	ggacccatgt	tggtttgttt	tatatcaact	tgatacaaga	tagagtcac	240
tggaagagg	gaacttgact	gaaaaatact	tctaccagat	tgacctgtgg	gttagtcttc	300
ggaacatttt	cttgattgat	gactgatgtt	tgcaagccca	gctcagtttg	gatggtgcta	360
tccctgagct	ggtgttccag	aaagcacata	agagagcagg	ctgagcaagc	cagtgagcag	420
cgtctctcca	tgttcaactg	catcagttcc	tgccctccagc	ctcctgccgt	gattgagtcc	480
tgtcttggga	ttctctgcat	g				501

<210> 44
 <211> 283
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(283)
 <223> n = A,T,C or G

<400> 44						
ctctgccag	gctggaanac	ggganangct	atgggcattc	tnacaatatc	acngaagggg	60
atngaaaatg	atctacagtt	ccagctacct	gcctcccaaa	acagcatgaa	gaacagctgt	120
tgattcccaa	tggaattcag	ttcatccagc	ctttcagatg	gatccagtaa	ggacttcagt	180
caagtcttga	gcctttctaag	catacagaga	ctggataaca	aatgctaaag	ctagctttct	240
taagtctaac	caattttttct	aatttttctta	ctcctccccc	ttt		283

<210> 45
 <211> 233
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(233)
 <223> n = A,T,C or G

<400> 45						
gtaagaactg	ctgaggagan	cagactancc	tgctgcctgg	aanagactca	gacctgcctg	60
aaggagagat	tctctgtcct	ggtgagctct	ccacaagtag	tgtaatgaac	tccaggggtc	120

ctgctcttgg	tgatgtagct	atatttgagt	tgaccctgcc	cctgcccttg	nccttttact	180
tatattcttg	tgaataactc	taataaactc	attggattac	cagaaaaaaaa	aaa	233

<210> 46
 <211> 331
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(331)
 <223> n = A,T,C or G

<400> 46						
ctagttaccc	gacgagactt	cctgtgaana	gagaggggca	tcatcccnc	cncaaaactt	60
catcccaana	tgtgttctgn	ctaccncata	cggatggatt	annatcgacc	aaacatngag	120
gggacggcna	ancagtgact	ggctaactcg	agacccatcc	catgggaaag	agcctacccc	180
tgccactatt	gacactcgnc	tatgcttgct	gacagtgtga	ctccttgaca	acagtgtgcc	240
tcgttatggg	tttatgaaac	cagttaacag	tcttcctcca	aggtctctgc	ttcagtcctc	300
gcctccagga	aatgccttgc	ttgtgtttct	g			331

<210> 47
 <211> 253
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(253)
 <223> n = A,T,C or G

<400> 47						
ggaagggcgg	gctctccnan	ccctngaagc	agtgttaatt	caacttacct	cgctgccgct	60
nagcatnaga	ccacctgggg	tggagccttc	cgacctagcc	ggctctattg	ttctgtcacc	120
tgctgctgct	cgtctccaaa	acactgctac	ctgctgaaag	gcccttgaga	taatctggag	180
acagcatcca	gccnatcacc	tactggctgg	cgaagggcac	caaaaatgga	ttgtttgggg	240
ggggcggggg	aag					253

<210> 48
 <211> 342
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(342)
 <223> n = A,T,C or G

<400> 48						
cagaggaggc	ttcgcccagc	aattgatgga	tagagatncn	gagacccggn	gccaaacntg	60
aggacgaagc	ctgggaaaga	gggagaanat	ganttgtag	aacngaggg	gtcnaaaaca	120
ccangaaaac	ctgcnaaaac	aaccaacctg	accccatagc	agctcacgga	gactgaacca	180
ccaaccnggg	agcctgcagg	gaaccgacct	aggcctctgc	acatangtaa	cagttgtgca	240
ncttgctctt	gttnggtgtg	ggactcctag	caaangggagc	agaggctgtc	tctgactcct	300
ttggctgcct	gtcaagtaaa	tacattaata	aaaacttggt	tg		342

<210> 49
 <211> 388
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(388)
 <223> n = A,T,C or G

<400> 49
 actggtcact actgtnaccn gacaggactt cctgtgaaga gagaggggca tcatcccacc 60
 cacaaaacct tcaacccaaa atgtgttctg cctaccacat acgcagggat naagatggac 120
 caaagattga ggggacggcc aaccagtgc tgcctaactc gagaccatc ccatggggaga 180
 gagccaaccc ctgccactat tgacactcgg ctatgcttgc agacagtgtg actccttgac 240
 aacagtgtgc ctcgttatgg ttttatgaaa ccagttaaca gtcttcctcc aagggtctctg 300
 cttcagtccc tgcctccagg aaatgccctg cttgtgtttc tgctctgact tcccccagtg 360
 atggaatggt ccatggaaga taaaataa 388

<210> 50
 <211> 213
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(213)
 <223> n = A,T,C or G

<400> 50
 gacttaggcc tcgctgccgc tgaancatga naccacctgg ggtggancct tccgacctan 60
 ccggctctat tgttctgtca cctgctgctg ctgcgtctcca aaacactgct acctgctgaa 120
 aggcccttga gataatctgg agacagcatc cagccgatca cctactggct ggcgaagggc 180
 accaaaaatg gattgtttgg gggggggcggg gga 213

<210> 51
 <211> 322
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(322)
 <223> n = A,T,C or G

<400> 51
 ccatcatcag agaggcttcc ccagcaattg atggaaagag atgcacagac ccncagccaa 60
 acntgaccac aaagcctggg aaagagggag aanatnaatt gtangaacca gaggggtcta 120
 aaacnccacg aaaacctgcc anatcgacca acctgacccc atagcagctc acggagactg 180
 aaccnccnac cngggagcct gcaggaacc gacctaggcc tctgcgcata ggtnacagtt 240
 gtgccgcttg ctcttggtng gtgtgggact cctagcagag ggagcanagg ctgtctctga 300
 ctcctttggc tgcctgtcca gt 322

<210> 52
 <211> 227
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(227)

<223> n = A,T,C or G

<400> 52

gaagcagggtt gattcanact tgacctcgct gccgctgagc atgaaaccac ctgggggtgga	60
gccttccgac ctaccgggt ctattgttct gtcacctgct gctgctcgtc tccaaaacac	120
tgctacctgc tgaaaggccc ttgaaataat ctggaaacag catccanccn atcacctact	180
ggctggcnaa gggcaccaaa aatggattgt ttgggggggg cggggga	227

<210> 53

<211> 236

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(236)

<223> n = A,T,C or G

<400> 53

cagccctcaa gcaggttgat tcagacttga cctcnctgcc gctgagcatg aaaccacctg	60
gggtggagcc ttccaaccta gccggctcta ttgttctgtc acctgctgct gctcgtctcc	120
aaaacactgc tacctgctga aaggcccttg agataatctg gaaacagcat ccangccaat	180
cacctactgg ctggcnaagg gcaccaanaa tggattgttt ggggggggcg ggggag	236

<210> 54

<211> 160

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(160)

<223> n = A,T,C or G

<400> 54

ggaatcgggt cccctcccc ttccctcnna actgntgtcg caacggmntg nttnngaccct	60
tnatcaaaat acncaggttg gataaatntg aaaaggcctt tcaangaacc gaggtntttg	120
tgatacccaa tgggatnttg aaaaacaacc accccttgtg	160

<210> 55

<211> 164

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(164)

<223> n = A,T,C or G

<400> 55

gggaggccaa aacaaagtct tttgaataaa gcaccacaac tctaacctgt tnggctgcct	60
---	----

tccttcccaa ggcacaaatc tttcccagca tgggaaanac ctccctccct ccctccctna	120
ctccctccct cccttttnan ccattttcac tcttccacca tata	164

<210> 56
 <211> 233
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(233)
 <223> n = A,T,C or G

<400> 56	
cccttgaagc aggttgattc anacttgacc tcgctgccgc tgagcatgaa accacctggg	60
gtggancctt ccnacctanc cggctctatt gttctgtcac ctgctgctgc tcgtctccaa	120
aacactgcta cctnctgaaa ggccttgan ataactctgga aacagcatcc acccgatcac	180
ctactggctg gcnaagggca ccaaaaatgg attgtttggg gggggcgggg gaa	233

<210> 57
 <211> 147
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(147)
 <223> n = A,T,C or G

<400> 57	
gcgaccctag gttcgcaaac gcccttaaac tcaaccagaa ntccanaacg gantgtnccc	60
aaaaacnnta ncaatagtcn ctaatcaagc cgggtgtggt ggcacaancc tttaatccca	120
ncacttggga ggcaaaggct ggcctat	147

<210> 58
 <211> 313
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(313)
 <223> n = A,T,C or G

<400> 58	
aacgagactt cctgtncaan agagaggggc atcantocca nccccaaaac cttccatccc	60
acnatntntt ctgtctaccn catacggagg aattnnnate gaccaaacad ngaggggacg	120
gcgaaccagt gactgggttan ctcganaccc ttcccatggg aaananccaa ccctgccac	180
nantgacact cgtntntgct tgcataacag tgtgactcct tgacnacagt ntgcctcntt	240
atggttttat gaaaccagtt aacagtcttc ctccaaggtc tctgcttcag tcctgcctc	300
caggaaatgc cct	313

<210> 59
 <211> 162
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(162)
 <223> n = A,T,C or G

<400> 59
 aaactgcttg ctcaggggtg gagcttcccc gctcaatctt tctgccacgc ccaactgctgg 60
 aacctgccgc tttgctgttc cnaanccatc acntgatcac cctgctactg gacttcaaaa 120
 ttatttggcg ggaattgggg cctccccgct tcctttataa ct 162

<210> 60
 <211> 321
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(321)
 <223> n = A,T,C or G

<400> 60
 gccacctgat ggatcacaga aaattcttcc agacctccta agaanaatga tggccaacaa 60
 ctccttanat aatcngata aaatagaaat aaaaggagcn gttttaaatn cttncagagt 120
 ngggtattan taccacncca gataaanncn ccacancngg anaaagctac aggccagtat 180
 ccctgataaa catnnatccc naattnctta ttangatgct tatgaaagat cctgacagaa 240
 tgtaaaaggt cncngtaagc cctgaaattg gcaaaataga tntcgctgtt agcanaacta 300
 gcttcaactga tttagaaaaa t 321

<210> 61
 <211> 227
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(227)
 <223> n = A,T,C or G

<400> 61
 ccacgcacca aacatcnagg ggacggcgaa tcattgactg gctanctcga aacccttccc 60
 atgggaaaca tctccccctg ccacaannga cactcntntn tgcttgcata acagtgtgac 120
 tccttgacaa cagtntgctt cgttatggtt ttatgaaacc anttaacant cttcctccaa 180
 ggtctctgct tcagtcacct cctccaggaa atgcacctgct tgtttttt 227

<210> 62
 <211> 214
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(214)
 <223> n = A,T,C or G

<400> 62
 caaaaaaact tgacttaata atttccggga ggttcataat aatnaaaatg ctttgnctac 60

cacacatcat	caaactctac	caaaggtcct	nanttcannt	cccancancc	ntacgatggc	120
tcacaaccat	ctgtaatgga	atctgangcc	ctcttctgct	gtgtgtnaaa	acacctataa	180
ttactcatat	atatnaaata	aatattcttt	taaa			214

<210> 63
 <211> 263
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(263)
 <223> n = A,T,C or G

<400> 63						
agagaggggc	atcatcccac	ccncaaaaacc	tncaaccnna	aatntgttct	gcctacaana	60
tacggagggg	ataaaaaatg	acaaaaaatt	gaggggacgg	ccaaccagt	actgcctaac	120
tcgaaaccca	tcccatggga	nagagccaac	ccctgccact	atngacnctc	ggctatgctt	180
gcaaacagtg	tgactccttn	acaacagtnt	gccncattat	ggttnnataa	aaccaatnaa	240
cagtcttctc	ccaaggtctc	tgc				263

<210> 64
 <211> 272
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(272)
 <223> n = A,T,C or G

<400> 64						
caggaacctg	gatggccttg	aatcactgga	taccnagga	tggcactaaa	cttctcatcc	60
ttctaattcc	caagtgttaa	aatttcaggt	atgggctggg	ganatggctc	agtgggtaan	120
agcgcccaac	tgctcttcca	aaggtctnaa	tttcaaatac	cancaaccac	atgggtggctc	180
acaaccatct	ntgacaaaat	ctgacnccct	cttctggant	gtctnaaaac	agctgcagtn	240
tacttacatg	taatagataa	atgaatcttt	gg			272

<210> 65
 <211> 250
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(250)
 <223> n = A,T,C or G

<400> 65						
gccaggctat	gggtgtccca	ggtactgaca	ggaccacacc	attnctgtct	ttaaaaaact	60
tgctgggggc	tggcnaaatg	gctcagtggt	taaaaacatc	aactgctttt	ccaaaggtcc	120
caanttcaaa	tcccagcaac	cacatgggtg	ctcacaacca	cccgtaaaana	aatctnatnc	180
cttcttcttg	aaaatctaan	gacagctaca	gtgtactttac	atataataaa	taaactctta	240
aaaaaaaaaa						250

<210> 66

<211> 234
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(234)
 <223> n = A,T,C or G

 <400> 66
 ttgcctagtg tgtatatatn tacacntatg tacaccatgt catgancctc catgggtcgtg 60
 aaaggacttt ggatcccttg gaactggcgt tacattgggtc gtgagcctcc atgttggcgc 120
 tnaaaancaa acctgggttc tctggaagcg cagcaantgc tcttaaccat cgagccatct 180
 ctccatctca aaccacccat ntntataaaa tgaaaatata taaaccaaaa aaaa 234

 <210> 67
 <211> 226
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(226)
 <223> n = A,T,C or G

 <400> 67
 gcctagtggtg tatatatgta cacgtatgta caccatgtca tgaagcctcc atgggtcgtga 60
 aaggactttg gatcccttgg aactggcgtt acattgggtc tgagcctcca tgttggcgcgt 120
 naaaancaaaa cctgggttct ctggaagcgc agcaantgct cttaaccatc nagccatctc 180
 tccatctcaa accacccatg tatataaaat gaaaatacat aaacca 226

 <210> 68
 <211> 190
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(190)
 <223> n = A,T,C or G

 <400> 68
 tataaatgag aggccaaaaa aaantctttt gaatcangna nnacaantct aacctgttng 60
 gatgccttcc ttcccaaggc aaaaatctnt ccancatgg gaaaaacctc cctccctccn 120
 nccctnagtc cctccctccc ttttnacca ttttactct tccaccatac actcaataaa 180
 ataaaataaa 190

 <210> 69
 <211> 187
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(187)
 <223> n = A,T,C or G

<400> 69
tctccagaga agaagaagan aangaagaag aggaggagga agaagaagaa gatcttcagc 60
tgagganatg actctcagtg gattggacag attttatctg ctttgtatta ccaatgctaa 120
ttatgtttcc cataanaacc tgcttattcg aaagggtctn cctgttactt ctgggagcct 180
gaccccc 187

<210> 70
<211> 166
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(166)
<223> n = A,T,C or G

<400> 70
cgggatggag gtccgggaga cccgcttcat gtgcttcgta cagatcnccc acaatgccan 60
ccataaccann aatataaata gttcttgtag gaatcacggt ctacacacca tctttcataa 120
ctggtgtccc aanaataaaa tatgancctt gatcagaaaa aaaaaa 166

<210> 71
<211> 223
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(223)
<223> n = A,T,C or G

<400> 71
ggagccagct ggatgaanaa aacttgcaaa aaaatttncc gggaggttca nataatgaaa 60
atgctttgcc atccacacat catcanactc taccagaggt cctganttca attcccaaca 120
accatanntt ggctcacaac catctgtnan ggaatctgat gccctcttct gctgtgtgtg 180
aanacaccna cattactcat atntataaaa taaatattct ttt 223

<210> 72
<211> 139
<212> DNA
<213> Mus musculus

<400> 72
caggattcat gctggaagtc acaaccagga gtaacttcag ctccagggga cccaacatcc 60
ttctgacctc ctacaaaacc tgcacacatc tgacggactc tctctctctc tctctctctg 120
tgtgtgtgtg tgtgtctgt 139

<210> 73
<211> 233
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(233)
<223> n = A,T,C or G

<400> 73
acagtgaggg aatgctgagg agaacaggac tagcctgctg cctggaaaan actcngacct 60
gcctgaagga gagattctct gtcctgttga gctctccacn agtagtgtaa tgaactccag 120
ggttcctgct cttgggtgatg tacctatatt tgagttgacc ctgccccctgc ccttgccctt 180
ttacttatnt tcttgatgaat aactctaata aactcattgg attaccagaa aaa 233

<210> 74
<211> 228
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(228)
<223> n = A,T,C or G

<400> 74
gggactgggc cttgaactca ctnggaatac ccaaggatgg cactgaactt ctcatecttc 60
taattcccaa ntgttaaaat ttcaggatag ggctggtgaa atggctcagt gggtaaaanc 120
gccnactgc tcttccgaag gtctgaantt caaatccan caaccacatg gtggntcaca 180
accanctgta acnanatctg acgccctctt ctggagtgtc tgaaaaca 228

<210> 75
<211> 208
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(208)
<223> n = A,T,C or G

<400> 75
tatgtacacc atgtcatgan cctccatggt cgtgaaagga ctttggatcc cttggaactg 60
gcgttacatt ggctcgtgagc ctccatnttg gcgctgaaaa gcaaacctgg gttctctgga 120
ancgcagcaa ttgctcttaa ccatcgagcc atctctccat ctcaaaccac ccatntntat 180
aaaaatgaaaa tacataaacc aaaaaaaaa 208

<210> 76
<211> 199
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(199)
<223> n = A,T,C or G

<400> 76
atgcacaaaa aaagggcgctc anatctcatt acggatgggt gtgantcacc atntggttgc 60
tcggatttga actcaggacc ttcggaaaaa cagtccgtgc tcttaccctc tgagccatct 120
caccagccct gatctccatt gtatntgcat gcacatntaa ataaacataa taaaacatcg 180
taattcttga aaaaaaaaa 199

<210> 77
<211> 251

<212> DNA
 <213> Mus musculus

<400> 77
 gacaggattt ctctgtagcc gtggctgtcc tgaaactctg tagaccatgc tgacctcaaa 60
 tttataggag ctggagagat ggctcagcag ctaagagcat tgaatgctct tccaatagggt 120
 cttgagttca aatcccagca accacatggg ggctcacaac catctgtaaa gagatctgac 180
 gccctcttct ggaatgtatg aagacaacta cagtgtactt acatataata aataaatcta 240
 gaaaaaaaaa a 251

<210> 78
 <211> 249
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(249)
 <223> n = A,T,C or G

<400> 78
 cctccccag cctgaagca ggttgattca nacttgacct cgctgccgct gagcatgaga 60
 ccacctgggg tggagccttc cgacctagcc ggctctattg ttctgtcacc tgctgctgct 120
 cgtctccaag aactgctac ctgctgaaag gcccttgaga taatctggag acagcatcca 180
 gccgatcacc tactggctgg cgaagggcac caagaatgga ttgtttgggg ggggccgggg 240
 gaggaatgg 249

<210> 79
 <211> 387
 <212> DNA
 <213> Mus musculus

<400> 79
 agcacttgaa gtccttgtaa aagaagagaa acaacactac aaaaaagcag atgggaaaag 60
 ataatacaaa tgaggtaagg actggaacca atgaaacaga aatgaagaga agaaaatata 120
 caaagaatca aacaaaattg gttctttgaa aagattaaca agattgacaa gtcttttagct 180
 gaaaccttcc cccaatatga agcaggctga gccagacctt gactttgctg ccactaagaa 240
 gatcacctag ggtggagcct gctcctctag atcactctat tgttcagcca ctgtcgtgctg 300
 tacctgctgg gagtctgcct agctatttcc ggagactaca ccctatcctg caagtgatca 360
 cctgcagctg ggcttcaagg atgaatt 387

<210> 80
 <211> 323
 <212> DNA
 <213> Mus musculus

<400> 80
 aagaaccctt gaaacagtac gtgtagcctc cccagcctg aagctggctg ttgcaaacct 60
 tgctgctact gagaatgaga ccacctgggg tggagccttc cgacctagat ggctccattg 120
 ttctgtcact tgccgctgct ctctccaag aactgctac ctgctgagag gccctgaga 180
 tattccagag gcacatccta tctgcacat cctcgctgctc aggtggctc caggcaccaa 240
 gaatggattg gcgggggatg ggctttcccc tttttaagca cagtctctga gtaaaatctc 300
 gggccttgat cagaaaaaaaa aaa 323

<210> 81
 <211> 318

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(318)
<223> n = A,T,C or G

<400> 81
aagcctcccc caccctgaag caggttgatt canacttgac ctcgctgccg ctgagcatga 60
gaccacctgg ggtggagcct tccgacctag ccggctctat tgttctgtca cctgctgctg 120
ctcgtctcca agacactgct acctgctgaa aggcccttga gataatctgg agacagcatc 180
cagccgatca cctactggct ggcgaagggc accaagaatg gattgtttgg ggggggcggg 240
ggaggaatgg tgggatgggg atgggcgggc cctctttata agtncagact cttagtaaac 300
tttggggcct tgaacaga 318

<210> 82
<211> 176
<212> DNA
<213> Mus musculus

<400> 82
agggttccag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct 60
tcctcctcct cccctcctc ccccttctgc ttcagattta tttattatat gtaagtacac 120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggttg 176

<210> 83
<211> 188
<212> DNA
<213> Mus musculus

<400> 83
ggttccagac tgccctttgg gattcaaacy ggagccgctt tggactgact ggctgccttc 60
ctcctcctcc cctcctcccc ccttctgctt cagatttatt tattatatgt aagtacactg 120
tagcagttgt aggacacact agacgagggc accagatctc attgtgggtg gttgtgaacc 180
accacca 188

<210> 84
<211> 301
<212> DNA
<213> Mus musculus

<400> 84
agcttattgt cccaattgag aggatctgag gctggttata caaagctgcc tggaaatgca 60
gtctgggtgt gtgtggcagt ctgaatatgc tcggcccagg gagcgaagtg tgtcactgtg 120
gctgtggaca atgagaccct cctcctaact atgtgggagc tagtcttctt ctagtggcct 180
tcagatgaag atggagaacg cctgcctgga tgctgccatg ttcccgcctt gatgataatg 240
cactgaacct ctgaacctgt cgccagcccc aattaaacgt tgctcctttat aaagaaaaaa 300
a 301

<210> 85
<211> 307
<212> DNA
<213> Mus musculus

<400> 85

cttggagcta	tattgtccca	attgagagga	tctgaggctg	gttatccaaa	gctgcctgga	60
aatgcagtct	gggtgtgtgt	ggcagttctga	atatgctcgg	cccagggagc	gaagtgtgtc	120
actgtggctg	tggacaatga	gaccctcatc	ctaactatgt	gggagctagt	cttcttctag	180
tggccttcag	atgaagatgg	agaacgcctg	cctggatgct	gccatgttcc	cgccttgatg	240
ataatgcact	gaacctctga	acctgtcgcc	agccccaatt	aaacgttgtc	ctttataaag	300
aaaaaaa						307

<210> 86
 <211> 366
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(366)
 <223> n = A,T,C or G

<400> 86						
gcactaacat	gctccatgat	ccccaaaata	anaagcaaag	aaggaaagag	aagagaggaa	60
tctgatacaa	acagagttgt	tctttggcca	catgaacgtg	aatccacaag	aaggtttaata	120
ttataaacat	caagggaatt	ggtgcctttc	aagcaagaat	gcctcacagg	ggtcacctcg	180
gcaaaactgg	aagagtcgac	aatgtagaaa	gacaagacct	gctggttgta	ttcgttttca	240
ctcaaatgtt	catttctcct	ggaaagatgg	ctcagcagtt	aagagcactg	gctgctcttc	300
caaaggacct	gggtttgatt	cccagcaacc	acatggtagc	tcacaactaa	ctgtaactcc	360
agttcc						366

<210> 87
 <211> 372
 <212> DNA
 <213> Mus musculus

<400> 87						
gcacttgaag	tccttgtaaa	agaagagaaa	caacactaca	aaaaagcaga	tgggaaaaga	60
taatacaaat	gaggtaagga	ctggaaccaa	tgaaacagaa	atgaagagaa	gaaaatatac	120
aaagaatcaa	acaaaatttg	ttctttgaaa	agattaacaa	gattgacaag	tcttttagctg	180
aaaccttccc	ccaatatgaa	gcaggctgag	ccagaccttg	actttgctgc	cactaagaag	240
atcacctagg	gtggagcctg	cctccctaga	tcactctatt	gttcagccac	tgtcgctgct	300
acctgctggg	agtctgccta	gctattccgg	agactacacc	ctatcctgca	agtgatcacc	360
tgcagctggg	ct					372

<210> 88
 <211> 252
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(252)
 <223> n = A,T,C or G

<400> 88						
cggttccaga	ctgccctttg	ggattcaaac	gggagccgct	ttggactgac	tggctgcctt	60
cctcctcctc	ccctcctccc	cccttctgct	tcagatttat	ttattatatg	taagtacact	120
gtagcagttg	taggacacac	tagacgaggg	caccagatct	cattgngggg	ggnggggncc	180
ccacagtngt	ntttcagncn	atcaaaaagnn	tcaactcnat	taataaatct	ttgacctatg	240
aaaaaaaaag	aa					252

<210> 89
 <211> 176
 <212> DNA
 <213> Mus musculus

<400> 89
 ggggttcaga ctgccctttg ggattcaaac gggagccgct ttggactgac tggtgcctt 60
 cctcctctcc cccctctccc cccttctgct tcagatttat ttattatata gtaagtacac 120
 tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggttg 176

<210> 90
 <211> 244
 <212> DNA
 <213> Mus musculus

<400> 90
 ggttatataa acagtaagaa ctgctgagga gaacagacta gcctgctgcc tggaagagac 60
 tcagacctgc ctgaaggaga gattctctgt cctgttgagc tctccacaag tagtgtaatg 120
 aactccaggg ttctgtctct tggatgatga gctatatttg agttgacct gccctgccc 180
 ttgccctttt acttatattc ttgtgaataa ctctaataaa ctcatggat taccaaaaaa 240
 aaaa 244

<210> 91
 <211> 402
 <212> DNA
 <213> Mus musculus

<400> 91
 ggttcaatca agttccagt atctctgcca atcaagttta cacgtgatat ctgtcaatca 60
 agttcacagt gatctctgcc aatcaagttt acagtgatat ctgtcaatca agttcatagt 120
 gatctctgcc aatcaagttt acagtgatat ctgtcaatca agttcacagt gatctctgtc 180
 aatcaggttc acactgatat ctgtgtagct cctttgtctt tgctcacttt cttaaccttt 240
 agctgttttg aaaagctaata gcatacaaga aactataata gtgcgcggga gtggtggcac 300
 acgcctttaa tccagcact cgggaggcag aggcaggcag atttctgaaa ttcgaggcca 360
 gcctggtcta caaagtgagt tccaggacag ccagggctat ac 402

<210> 92
 <211> 314
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(314)
 <223> n = A,T,C or G

<400> 92
 aggaaacaac taaagatcac tatgccctta atcctgcttc accatcatct ctagtttttc 60
 cttttttttt taaatgaaac cnaaatggaa aaatgntanc attctgneta ggntcctccc 120
 agcagttacc tggcaacagc catgtntgcc tgattcactn taaagggagc tgnttgcccc 180
 cttntcactc tnttancctc ttactntttg gccctnttcc ctnttttncce ctccccttnc 240
 cctntttcct ntctgncttt ntctctcttt accccctnag ntccccttcc catgccttaa 300
 ataaactttt ttca 314

<210> 93
 <211> 409

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(409)
<223> n = A,T,C or G

<400> 93
cacctactgt aacccgacgg gacttinctgt gaagagagag gggcatnaac ccacccacaa 60
aaccttcanc ccaaaatgtg ttctgcctac aagatacaca gggattanga tggagcanag 120
attgagggga cngccaancl gngactgnct aactcngac cctnccatg gganagagcc 180
naccctgcc actattgaca ctnggctatg cttgnagaca gtgtgactcc ttgacaacag 240
tgtgcctcgt tatggtttta tgaaaccagt taacagtctt cctccaaggt ctctgcttca 300
gtccctgcct ccaggaaatg ccctgcttgt gtttctgctc tgacttcccc cagtgatgga 360
atgttaccat ggaaagataa aataaatctt ttccacatca aaaaaaaaa 409

<210> 94
<211> 333
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(333)
<223> n = A,T,C or G

<400> 94
tgggtctgca agaatgtcaa cggcnaaana aacaggaaac tagntnngcc ngnggnncac 60
tgntgccctg gctgcagaa ngntangntg acaggcnenc atcccccatg ggngccgcac 120
atctgcttct nttactccac cccagcccac anccatgtct nctactggna aagacctntc 180
ctggctcctc caataggcgc cattcactcc tggaagcggc cgngcctncc ttccccaacc 240
ccatcccc gaattatcat gacacaggga gcgtgcttgc ctagcatgag taagaccctg 300
gcttcaaatc tcancactgt aaaaaataaa taa 333

<210> 95
<211> 211
<212> DNA
<213> Mus musculus

<400> 95
caagaactga ggcttggtgc ctgcagagac aggagacaga gaagacagag gagcatgtcg 60
gctccccga gattggagtg tgaggctggt gtgagtcacc atgtgcttgc tccgaactga 120
acctagggtc tctgcaggag actcttaatt cctgagtcac ctctccagct tctggcatta 180
gtactttttt aatgtgagaa aattaaataa a 211

<210> 96
<211> 223
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(223)
<223> n = A,T,C or G

<400> 96
 tgggtgtgagc cgagccttga tggaancctt gcaactagcc nttanagaag aaggggagag 60
 gggctggaaa gatggctcaa ncggtgnatg aacactgact gctcttccaa gagtcctgag 120
 ttcaattccc ancancaca tantggctca caaccatntg taatgggatc tcatgccctc 180
 ttctggnngtg tctaaagaca gctacagtgt actcatatca taa 223

<210> 97
 <211> 458
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(458)
 <223> n = A,T,C or G

<400> 97
 ggtgggggtct ttcagcgacc cggagcaggc agcggcgcgg gaggcccttc ggnactgnct 60
 aaagcnncca acaaacgaag gggccttggg gngagagta ntgacagatn tgcctgtgtn 120
 canccatctn aagnnanagc tagggaactg gngctgacct tggncctctn gaaaatgtaa 180
 aaacaacaaa ttccaaacaa tgactaagta gaactctttt aagtgttaatt aagcatcatc 240
 catttaaatg caactttcta tagagccaag taaattgggc aagtgattat caatgaaaat 300
 agaaatctta aaaatcactg ggggctggag atggctcagt gggtaagaac actgattgct 360
 cttccaaagg tcctaagttc aaatcctaac aaccacatgg tggctcacag ccactctgtag 420
 tgagatctga tgccctcttc tgggtgtgtct gaagacag 458

<210> 98
 <211> 182
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(182)
 <223> n = A,T,C or G

<400> 98
 agttgtctga tcctggacag ccttngnatt anacgggagc cgctttggac tgactggctg 60
 ccttctcctt cctccccctc ctcccccttc tgcttcagat ttatttatta tatgtaagta 120
 cactgtagca gttgtaggac aactagacg agggcaccag atctcattgt ggggtggggt 180
 ga 182

<210> 99
 <211> 350
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(350)
 <223> n = A,T,C or G

<400> 99
 agtcagagtc tattgcgcgc accggatngg nccgcgntna cgacnctgcn acaggatcct 60
 tctgcacacg nttattggga gagttngact gcngagggtga ngagaccccg agcccanaac 120
 tgggtgctgct tatataggcc taggagagga gngtctcaca cctggattgg ttatgcacta 180

cgccatcat	gcntgatcct	cntntgatng	gctactctnt	ctctgtncct	cncagagcct	240
nantatcata	cctcatntgc	atgtctcaca	cctgattggg	tatagnctca	aagcctcatt	300
atcatgccc	ggccaggcag	tgtctttgca	aaaaacttta	ctgcatatgt		350

<210> 100
 <211> 332
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(332)
 <223> n = A,T,C or G

<400> 100	
tgcattgtgaa	tagagggtgcc
natggagacc	atgagacgtc
ngannctgcg	gagctggagn
	60
cacacagcc	tgtnagccac
ctgatgaggc	tntgtgncct
catnctctgg	acaagcagcc
	120
cgtgagctta	accantgagc
tattttctcca	gcccctggac
cagactgtnc	tccaccctga
	180
cctcnacctt	tttttaaaaa
aagatttatn	atangtaagt
tngctgtagc	tgncatcaga
	240
cactccagan	agagggagtc
agatctcctt	atggatgggt
gtaagctncc	atatgggtgc
	300
tgggattnga	actcangacc
ttgggaagag	ca
	332

<210> 101
 <211> 301
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(301)
 <223> n = A,T,C or G

<400> 101	
gtagcctgcc	ccagccngan
gctggctgct	gcaaaccttg
ctgctactga	gaatgagacc
	60
acctgggggtg	gagccttccg
acctagatgg	ctccattgtt
ctgtcacttg	ccgctgctct
	120
cctccaagac	actgctacct
gctgagaggc	ccctgagata
ttccagaggc	acatcctatc
	180
ctgcacatcc	tcgctgcag
gctggctcca	ggcaccaaga
atggattggc	gggggatggg
	240
ctttccctt	tttaagcaca
gtctctgagt	aaaatctcgg
gccttgatca	gaaaaaaaaa
	300
a	
	301

<210> 102
 <211> 252
 <212> DNA
 <213> Mus musculus

<400> 102	
gcctcccca	gccctgaagc
aggttgattc	agacttgacc
tcgctgccgc	tgagcatgag
	60
accacctggg	gtggagcctt
ccgacctagc	cggctctatt
gttctgtcac	ctgctgctgc
	120
tcgtctccaa	gacctgcta
cctgctgaaa	ggcccttgag
ataatctgga	gacagcatcc
	180
agccgatcac	ctactggctg
gcgaaggcca	ccaagaatgg
attgtttggg	gggggcgggg
	240
gaggaatggt	gg
	252

<210> 103
 <211> 164
 <212> DNA
 <213> Mus musculus

<400> 103
gactgccctt tgggattcaa acgggagccg ctttggactg actggctgcc ttcctcctcc 60
tccccctcct ccccccttctg cttcagattt atttattata tgtaagtaca ctgtagcagt 120
tgtaggacac actagacgag ggcaccagat ctcattgtgg gtgg 164

<210> 104
<211> 319
<212> DNA
<213> Mus musculus

<400> 104
atgcctcccc cagccctgaa gcaggttgat tcagacttga cctcgctgcc gctgagcatg 60
agaccacctg ggggtggagcc ttccgaccta gccggctcta ttgttctgtc acctgctgct 120
gctcgtctcc aagacactgc tacctgctga aaggcccttg agataatctg gagacagcat 180
ccagccgatc acctactggc tggcgaaggc caccaagaat ggattgtttg gggggggcgg 240
gggaggaatg gtgggatggg gatgggcggc cctcttttat agtacagac tcttagtaaa 300
ctttggggcc ttgaacaga 319

<210> 105
<211> 211
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(211)
<223> n = A,T,C or G

<400> 105
aggaaacctc gtgagtcgga agcttcccag ctggggccctc tttaaaaaca nggatatttc 60
caaggacacg cctctaatac cagcactcng gaggcaaagg caggcacatc tctgtgcatt 120
cgaggttaac ctgggtctgca gagtaagttc caggacagcc agagctatgc aatgaaaccc 180
ggtctcaaaa taaataaata aataaaatta g 211

<210> 106
<211> 100
<212> DNA
<213> Mus musculus

<400> 106
aagtctcgaa attcgatata aagctgatcc ggaaccctta atataacttc gtataatgta 60
tgctataaccg aagttattat ggtccctcga aaaaaaaaaa 100

<210> 107
<211> 258
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(258)
<223> n = A,T,C or G

<400> 107
accaacaacc caccatna ctcgggaccc tagcatttat agaccctctg gaaagncctc 60
aaattccaaa tgtcacacaa ttgcagaaac tatctgcagt tggcaaaaaa cgtgcctctg 120

ctagagcact	aagcaaata	gagtcagctg	ctgtggacag	aatgaagcag	ccccatatcc	180
catacgctggg	attaaacaaa	aatatattct	tataatattt	ctgtgggtttt	taaataaacc	240
aaaatttcaa	aattgtca					258

<210> 108
 <211> 536
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(536)
 <223> n = A,T,C or G

<400> 108	
taaagacgca	gatctctgaa atggattcna gangactgtg actgcctnagc agtactgaga 60
ccnnncctgg	gtcngntgga aanaacatcg gtgggtontac ctactgactc gncctctctat 120
ccctctatng	tatagtttna anttntatat ggggtntgng atatntacct ntntgnaggt 180
ctgacganaa	atttctangg tgtntttctgt cctacattca ngattctttc tcanggangt 240
caaagcatag	acagcaaaca gttttacctg aagagctatc tgccccctt gttttgtttt 300
ggttttttgt	tggtgtgtgt gttttttaag acagagatgg ggggtggggg ggctggtgaa 360
atggctcatt	gggtaaaaac accaactact cttccaggct gctcttccga aggtccggaa 420
ttcanattcc	agcaaccaca tgggtggctca caaccatccg taacaagatc tgacccctct 480
tctggaatgt	ctgaaaaaca ctacagtgtt cttacatata aataaattaa tcttta 536

<210> 109
 <211> 306
 <212> DNA
 <213> Mus musculus

<400> 109	
cacactgaag	catgttgatt caaacttgac tgcgtgccgc tgagcatgag accacctggg 60
gtggaccttc	cgacctaccg gctctattgt tctgtcacct gctgctgctc gtctccaaga 120
cactgctacc	tgctgaaagg cccttgagat aatctggaga cagcatccag ccgatcacct 180
actggctggc	gaaggggcacc aagaatggat tgtttggggg gggcggggga agaattggtg 240
gatggggatg	ggcgggccct ctttataagt acagactctt agtaaacttt ggggccttga 300
acagaa	
	306

<210> 110
 <211> 293
 <212> DNA
 <213> Mus musculus

<400> 110	
caagttacac	tggtgctgtc ttcagacaca ccagaaagag gacatcagat cccattacag 60
atgggttgta	gccaccatgt gatgctggga attcctctgg aagaggactc agtgctctca 120
accccgcttc	tccagccctt aacttcctta attctataaa actgtgatac ttcaagaatt 180
cattttcaca	ttagcacaca aattttggag atattttaaa tctgtgctgc caggccatgc 240
cattcaaaat	gactccagaa taaattttct cttattgcct tcaaaaaaaaa aaa 293

<210> 111
 <211> 299
 <212> DNA
 <213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(299)
 <223> n = A,T,C or G

<400> 111
 gttgattcag acttgactcg ctgccgctga catgagacca cctgggggtgg accttccgac 60
 ctagccggct ctattgttct gtcacctgct gctgctcgtc tccaanacac tgctacctgc 120
 tgaaaggccc ttgagataat ctggagacag catccagccg atcacctact ggctggcgaa 180
 gggcaccaag aatggattgt ttgggggggg cgggggaaga atgggtgggat ggggatgggc 240
 ggccccctct tataagtaca gactcttagt aaactttggg gccttgaaca gaaaaaaaaa 299

<210> 112
 <211> 292
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(292)
 <223> n = A,T,C or G

<400> 112
 gttgattcag acttgacctc gctgccgctg agcatgagac cacctgggggt ggagccttcc 60
 gacctagccg gctctattgt tctgtcacct gctgctcgtc gtctccaana cactgctacc 120
 tgctgaaagg cccttgagat aatctggaga cagcatccag ccatcacct actggctggc 180
 gaagggcacc aagaatggat tgtttggggg gggcggggga agaatgggtg gatgggggatg 240
 ggcgccccct ctttataant acagactctt agtaaaacttt ggggccttga ac 292

<210> 113
 <211> 229
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(229)
 <223> n = A,T,C or G

<400> 113
 atggacgtct tccagaagga tggaccctga taactgctgc ctgtgacatc aagaaggagg 60
 caacaccttg gcgtaatggc gcacgccttt aatcccagac actcggaag cagaagtatg 120
 cggatttctg anttcaagn cagccnggtc tacanagtga gtnccaggac agccaggtct 180
 acncaaagaa accctgtctc aacaccccc ccccccaaaa aaaaaaagg 229

<210> 114
 <211> 300
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 114
 tcctgatcgg aactgagagc acgaatgctg cacacgttgt gaataaatgc tgattatctg 60

ctcgcctacga	aacgctnact	tgagtgaatc	ctanaataac	accnccaccc	ccaancancc	120
caaggggtggc	accgcccaca	gtgaactggg	cactctccca	tcaactgtca	atcaagaaaa	180
tccatcacaa	tcttgctgc	cgatcagtc	ggagggggca	tttcctgggt	ttaggttccc	240
tcacctaata	tgacttaagc	ttgtgtcaaa	ttgacataaa	actagccagc	atgcctgata	300

<210> 115
 <211> 696
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(696)
 <223> n = A,T,C or G

<400> 115	
acagaactgt	aaaaggcact
gtgcccaaga	aagtgaagaa
aacacttata	gatgagaaga
accagtggcc	ctcaacctgt
atcagatatt	tacactatga
aanacagtgt	ttctctgtgt
gcctggaact	cagaaatcca
cgtgcactac	cacgcctggc
gaagtagcaa	tgaaataatt
taaaaggggc	acagcattag
aaaganatga	cagattcngc
tgcaaaacct	cttaattgctg
ggacagactt	gacgcatgca
ggtataactgt	aaaaccataa
tgccctgtgc	tctccagcag
aggtcacaac	tccctgggtc
atcatttggg	gttggtttgt
agctctggct	gtcctggaac
gttctgcctg	cctctgcett
gaatcataac	agtcacaaaa
agtcacaaaa	tcntagtgat
gggtcaccac	cacatcatta
caacacctac	gaaagcccn
cagaaaccca	ncanatgttt
ccactc	
caaattgttg	60
aagaaatgaa	120
cagtgttttag	180
tatgctggat	240
tggtttttcc	300
gaccaggctg	360
ggattaaagt	420
ggantctgtg	480
aatgttaccg	540
tttggcanaa	600
	660
	696

<210> 116
 <211> 269
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(269)
 <223> n = A,T,C or G

<400> 116	
acctgaacag	ttgattcaga
accttccgac	ctaaccggct
tgctacctgc	tgaaagccct
gctggcgaaa	ggcancaaaa
gggatnggcn	ggccctcttt
cttgactcgc	tgccgctgan
ctattgttct	gtcacctgct
tganataatc	tgagagacgc
atggattgtt	tggggggggc
attaattcc	
catgagacca	cctgggggtgg
gtctctcgtc	tccaagacac
atccagccga	tcacctactg
nggggaagaa	tngtnggatn
	60
	120
	180
	240
	269

<210> 117
 <211> 292
 <212> DNA
 <213> Mus musculus

<400> 117	
cgcaacacac	cttgaacaac
atztatagac	cctctggaaa
ctgcagttgg	caaaaaacgt
tggacagaat	gaagcagccc
agcaacaacc	aacaacccac
gtcctcaaat	tccaaatgtc
gcctctgcta	gagcactaag
catatcccat	acgtgggatt
cccatcactc	gggacctagc
acacaattgc	agaaaaactat
caaatcagag	tcagctgctg
aaacaaaaat	atattcttat
	60
	120
	180
	240

aatattttctg tgggtttataa ataaacccaaa atttcaaaaat tgtcaaaaaa aa 292

<210> 118
 <211> 374
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(374)
 <223> n = A,T,C or G

<400> 118
 acgggattcc tgtgaacaga nagggcatca nccaccacaa aaactcaccc aaaatgtgtc 60
 tgcctacaac atacggagga ttaagatgga gcananattg aggggacngn caaccagtga 120
 ctgcctaact cgagacccat cccatgggag agagccaacc cctgccacta ttgacactcg 180
 gctatgcttg cagacagtgt gactccttga caacagtgtg cctcgttatg gttttatgaa 240
 accagttaac agtcttcttc caaggtctct gcttcagtec ctgcctccan gaaatgccct 300
 gcttggtgtt ctgctctgac ttcccccagt gatggaatgt naccatggaa gataaaaataa 360
 atctttccca catc 374

<210> 119
 <211> 230
 <212> DNA
 <213> Mus musculus

<400> 119
 gtatattata cataagacac ttgtagctgt cttcagatgc accagaagag ggcgtcagat 60
 ctcatcaccg atgggtgtga gtcacatgtg gttgctcgga tttgaactca ggaccttcgg 120
 aagaacagtc cgtgctctta ccctctgagc catctcacca gccctgatct ccattgtatg 180
 tgcatgcaca tgtaaataaa cataataaaa catcgtagt cttgaaaaaa 230

<210> 120
 <211> 314
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(314)
 <223> n = A,T,C or G

<400> 120
 catccaccac ccctggaagc aggttgattc agacttgacc tcgctgccgc tgagcatgag 60
 accacctggg gtggagcctt ccgacctagc cggctctatt gttctgtcac ctgctgctgc 120
 tcgtctccaa gacactgcta cctgctgaaa ggcccttgag ataatctgga gacagcatcc 180
 agccgatcac ctactggctg gcgaanggca ccaagaatgg attggttggg gggggcgggg 240
 gangaatggt gggatgggga tgggcggccc ctctttataa gtacagactc ttaataaaact 300
 ttggggcctt gaac 314

<210> 121
 <211> 233
 <212> DNA
 <213> Mus musculus

<400> 121

tattatacat	aagacatgta	gctgtcttca	gatgcaccag	aagaaggcgt	cagatctcat	60
tacggatggg	tgtgagtcac	catgtggttg	ctcggatttg	aactcaggac	cttcggaaga	120
acagtccgtg	ctcttaccct	ctgagccatc	tcaccagccc	tgatctccat	tgtatgtgca	180
tgcacatgta	aataaacata	ataaaacatc	gtaagtcttg	aaaaaaaaaa	cta	233

<210> 122
 <211> 289
 <212> DNA
 <213> Mus musculus

cctgaacagt	tgatcaaatt	gactcgctgc	cctgacatga	gacactgggg	tggaccttcc	60
gacctaccgg	ctctattggt	ctgtcacctg	ctgctgctcg	tctccaagac	ctgctacctg	120
ctgaaagccc	ttgagataat	ctggagacag	catccagccg	atcacctact	ggctggcgaa	180
gggcaccaag	aatggattgt	ttgggggggg	cgggggaaga	atgggtggat	ggggatgggc	240
ggccccctct	tataagtaca	gactccttagt	aaactttggg	gccttgaac		289

<210> 123
 <211> 282
 <212> DNA
 <213> Mus musculus

acaattaccc	tcgctgactg	aacactgggt	gactccgact	accggctcta	tttctgtcac	60
tgctgctgct	cgtctccaag	acctgctacc	tgctgaaagc	ccttgaaaat	aatctgggag	120
acagcatcca	gcccgatcac	ctactggctg	gcgaaagggc	accaagaaat	gggattgttt	180
gggggggggg	cgggggggaag	gaatggtggg	gatgggggat	ggggcgggcc	ctctttataa	240
agttacagac	tcttaattaa	acttttgggg	gcctttgaaa	cc		282

<210> 124
 <211> 307
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(307)
 <223> n = A,T,C or G

agtactctct	ttcaccngag	ctgccatctc	agttgaacat	tcctctcgag	ctgctgggtg	60
gcccgcaca	agtccagcct	attgtgggtg	atgccacccc	tgggttggtg	gccctggatt	120
ctataagaaa	gctggctgag	aaagccatgg	gaagcaagcc	agtaagcagc	acccctccat	180
ggcctctgta	tcagctcata	cctccaggtt	ccagccccga	ttgaattcct	gtcctgactt	240
cctccaatga	tggattatga	tctggaaatc	ctagccaaat	aaacactttt	ctccccaaaa	300
aaaaaaa						307

<210> 125
 <211> 312
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(312)
 <223> n = A,T,C or G

<400> 125
cccgaaccgt tgatcacact tgactcgtctg ccgctgaaca tgagacacct ggggtggagc 60
cttccgaacct agccggctct attgttctgt cacctgctgc tgctcgtctc cnagacactg 120
ctacctgctg aaaggccctt gtanataatc tgganacagc atccagccga tcacctactg 180
gctggcgaag ggcaccaaga aatggattgt ttgggggggg cgggggaaga atggtgggat 240
ggggatgggc ggccccctct tataantaca gactcttagt aaactttggg gccttgaact 300
gaaaaaaaa aa 312

<210> 126
<211> 362
<212> DNA
<213> Mus musculus

<400> 126
caggaatcct gaaactgacg agattcacta agccctccct ggaagagtaa gcaataaaag 60
ctgagagagc aggaagctga gctgcaaaga agactcttaa gaaagagcaa agctgcaaag 120
aatggactgc ctggaagaca cttagaccag agtcacttgg aaaggatgct ctccagcctg 180
ttgagttgcc tgcaggctgt gcagtatgct ccagattccc agctttgtga gctgtcatca 240
atactgggga gagctttggt gatgcagctg tctgagtcgt tggtgctcct ataggtcacc 300
ctttacctct tctcctgtaa gtaactccat taaagctcat tggttcacc taaaaaaaa 360
aa 362

<210> 127
<211> 302
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(302)
<223> n = A,T,C or G

<400> 127
cctggaagca ggttgattca gacttgacct cgctgccgct gagcatgaga ccacctgggg 60
tggaacctcc gacctagccg gctctattgt tctgtcacct gctgctgctc gctccaaga 120
cactgctacc tgctgaaagg cccttgagat aatctggaga cagcatccag ccgatcacct 180
actggctggc gaagggcacc aagaatggat tgtttggggg gggcggggga ngaatggtgg 240
gatgggggat ggcgggccct ctttataant acagactctt agtaaaactt ggggccttga 300
ac 302

<210> 128
<211> 320
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(320)
<223> n = A,T,C or G

<400> 128
agatggcatc tcaactagcc tggacccggg gtctctcaga cactgaagtc actagccagg 60
cagcatcacac cagctgataa gagccccctga cacatataca gcagaggact gccgggtctg 120
gactcaacca gagaagaacg cctaaccctt gagagacttg gggccccagg gagtggggag 180
gtctggtaag ggcacngct tggagctggg ggcgggggga ggaatgggat gtggagtgg 240
gggggtggac cncaagggga tggagtctgg actgtnnaaa aggattaaaa agtanataaa 300

taaataaggaa acaaaaaaaaaa 320

<210> 129

<211> 302

<212> DNA

<213> Mus musculus

<400> 129

ctccccagcc	tgaacagttg	atcagattga	ctcgtgccc	ctgagcatga	gacacctggg	60
gtggaccttc	cgacctagcc	ggctctattg	ttctgtcacc	tgctgctgct	cgtctccaag	120
acactgctac	ctgctgaaag	cccttgagat	aatctggaga	cagcatccag	ccgatcacct	180
actggctggc	gaagggcacc	aagaatggat	tgtttggggg	gggcggggga	agaatggtgg	240
gatggggatg	ggcggcccct	ctttataagt	acagactctt	agtaaacttt	gggccttga	300
ac						302

<210> 130

<211> 271

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(271)

<223> n = A,T,C or G

<400> 130

gtgtctcgga	caagttctct	gtgtattctg	ggctgtccta	naatcagaga	ccacctacct	60
ctgattcaaa	gggactagga	ttaaatgccc	ggttaaagaa	gatactccag	ggctggagag	120
atggctcagt	gggttcagat	cacagactgc	tcgtccagaa	gtcctgagtt	caattcccag	180
caaccacaag	gtggctcaca	acacctcttc	tgggtgtgtct	aaagacagca	acagtgtatt	240
catgtacatt	aatgaataa	ataaattgta	c			271

<210> 131

<211> 154

<212> DNA

<213> Mus musculus

<400> 131

tacacctgga	tggacttgcc	gctcaatcgt	tctgccacgc	ccactgctgg	acctgccgct	60
ttcctgttcc	gaagccatca	cgtggtcacc	tgctactgga	ttccaagatt	atttggcgtg	120
aatcggggcc	ccttcccctg	cttcataact	gc			154

<210> 132

<211> 303

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(303)

<223> n = A,T,C or G

<400> 132

ccagccctgg	aacaggttga	tcagacttga	ctcgtgccc	ctgaacatga	naccacctgg	60
ggtggacctt	ccgacctaac	cggctctatt	gttctgtcac	ctgctgctgc	tcgtctccaa	120
gacactgcta	cctgctgaaa	gcccttgaga	taatctggag	acagcatcca	gccgatcacc	180

tactggctgg	cgaagggcac	caagaatgga	ttgtttgggg	ggggcggggg	aagaatggtg	240
ggatggggat	gggcggcccc	tctttataa	tncagactct	tagtaaactt	tggggccttg	300
aac						303

<210> 133
 <211> 267
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(267)
 <223> n = A,T,C or G

<400> 133						
ggagcatgag	acaacctggg	gtgtagcttt	ctgacctaac	nggctctatt	gttctgtcan	60
ctgtctctgc	tcgtctccaa	gacctgcta	cctgctgaaa	ggccttgaga	taatctggag	120
acagcatcca	gccgatcacc	tactggctgg	ngaanggcac	caagaaatgg	attgtttggg	180
ggggcggggg	gangaatggt	nggatgggga	tgggcgggnc	ctctttatga	gtacagactc	240
ttagtanact	ttggggcctt	gaacaga				267

<210> 134
 <211> 230
 <212> DNA
 <213> Mus musculus

<400> 134						
tttgctgtgt	gtatatatgt	acacgtatgt	acaccatgtc	atgaagcctc	catggtcgtg	60
agaggatttg	gatcccttgg	aactggcggt	acattggctg	tgagcctcca	tggtggcgct	120
gagaaacaaa	cctgggttct	ctggaagcgc	agcaagtgtc	cttaaccatc	gagccatctc	180
tccatctcaa	accacccatg	tatataaaat	gaaaatacat	aaaccataaa		230

<210> 135
 <211> 294
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(294)
 <223> n = A,T,C or G

<400> 135						
cagttgattc	agacttgact	cgctgccgct	gaagcatgag	accacctggg	gtggagcctt	60
ccgacctagc	cggtctctatt	gttctgtcac	ctgtctgctg	tcgtctccaa	gacctgcta	120
cctgctgaaa	ggcccttgag	ataatctgga	gacagcatcc	agccgatcac	ctactggctg	180
gcgaanggca	ccaagaatgg	attgtttggg	ggggcggggg	gangaatggt	gggatgggga	240
tgggcggccc	ctctttataa	gtacanactc	ttagtaaact	ttggggcctt	gaac	294

<210> 136
 <211> 551
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(551)
 <223> n = A,T,C or G

<400> 136
 atggctcaat gggtaanaca ccgactgctc ttctnaatgt tcggacttca natcccagaa 60
 acnacatagt ggctnacanc catccgtnat gagatctggc gccttcttct ggagtgtctg 120
 ancacancta caatgtncctt nnanttnatn cntnanttct tctgactaaa tntaaaaaat 180
 naatgtcctg gagancctcc gtgtacntc ccccnacctt ggatttactg attntnacct 240
 ttgttgccac tgtgaatgan accncctggg gtggagcctt cctacctaga tggttctatt 300
 gctctgtcac ctgcaatgct cttctccaag acaccactac ccgctgaaga ggctgaacct 360
 gtntcctgag atattcctgt gatagccgac naccagtggg cttggcgacc taataatgct 420
 aacagctctg gcagactagt gctaacaact tggcaacaaa gcactnagaa ancctggtgt 480
 ggcaggggat gggcctcccc ccctttataa nccacngacc ttagtagact ttggggcctt 540
 gaccgaagga g 551

<210> 137
 <211> 331
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(331)
 <223> n = A,T,C or G

<400> 137
 ttctgtccta cattcangat cncactcagg aggtcaagca tanacagcaa acagtttttac 60
 ctgaaganct atctgcccc cttgttttgt ttgggtttt tgttggtgtt gttgtttttt 120
 aanacagaga tgggggttgg gggggctggg gaaatggctc attgggtaag ancaccaac 180
 tactcttcca ggctgctctt ccgaaggctc ggaattcaaa ttccagcaac cacatggtgg 240
 ctcaacaaca tccgtaacaa gatctgacgc cctcttctgg aatgtctgaa gacagctaca 300
 gtgtacttac atataaataa ataaatcttt a 331

<210> 138
 <211> 236
 <212> DNA
 <213> Mus musculus

<400> 138
 gctgtgtgta tatatgtaca cgtatgtaca ccatgtcatg aagcctccat gggctgtgag 60
 aagatttggg atcccttgga actggcggtta cattggctgt gagcctccat gttggcgctg 120
 agaagcaaac ctgggttctc tggaagcgca gcaagtgtc ttaaccatcg agccatctct 180
 ccatctcaaa ccacccatgt atataaaatg aaaatacata aaccataaaa aaaaaa 236

<210> 139
 <211> 463
 <212> DNA
 <213> Mus musculus

<400> 139
 gcacttgaag tccttgtaaa agaagagaaa caacactaca aaaaagcaga tgggaaaaga 60
 taatacaaat gaggtaagga ctggaaccaa tgaacagaa atgaagagaa gaaaatatac 120
 aaagaatcaa acaaaattgg ttctttgaaa agattaacaa gattgacaag tctttagctg 180
 aaaccttccc ccaatatgaa gcaggctgag ccagaccttg actttgctgc cactaagaag 240
 atcacctagg gtggagcctg cctccctaga tcactctatt gttcagccac tgcgctgtct 300
 acctgtcggg agtctgccta gctattccgg agactacacc ctatcctgca agtgatcacc 360

tgcagctggg cttcaaggat gaattggctg gaatgggcct cccccgctcc tttataaagt 420
 gcatccgcca ttaaacattt gaaccttgag cagaaaaaaa aaa 463

<210> 140
 <211> 445
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(445)
 <223> n = A,T,C or G

<400> 140
 ggtgagaggt cacattaaaa gcatgactgc cttctgaaat ctgagttcaa atcccagcaa 60
 gcacatggtg gctcacaacc atctgtaatg agatctgaca cactcttggt gtgtgtctga 120
 agacagctac actgtactta nttgtaatca taaataaatc ctgggccggc cggagctagt 180
 ggagtgtacc agagcgagca gaagtcctaa attcaattcc cagcaagctg atgaaagctt 240
 cggtagagct acagtatgta ctcactctaca taaaataaat gattaaattc ttaanataaa 300
 taaataaatc tgatcctatt atgttaatnt gctactacag cttaaacttc taatgttctc 360
 tcnaacttaa gtggcctatt gggaataaat actttggcnc agantngtct ccgttgggta 420
 agctatgttc tccaatccgg tccat 445

<210> 141
 <211> 354
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(354)
 <223> n = A,T,C or G

<400> 141
 gaagactaag acgaagacna ccaagaagaa agaagaagaa gaanaagaag aagaagaact 60
 aacactatca tttgcaggcc tactaccagg cnaaggtctt ttatccttac cttggctgcc 120
 ttgccttgaa ccattgtcac atcagctaca ggtagttggt agaatggcca agcctgttta 180
 ctaanaagca agactantan gaggaacaac actatgaact aaccagtacc nccccnccc 240
 cccagagctg tgttgcntat gtaacanagg atggcctant canccatcaa tgaaaagaga 300
 ggccctcngt cttgcaaana tcatatgcc cmttacaggg gaatgcctgg gcc 354

<210> 142
 <211> 239
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(239)
 <223> n = A,T,C or G

<400> 142
 aacatgttga tcagacttga ctcgctnccg ctgacatgag acacctnggg tggaccttcc 60
 gacctanccn gctctattgt tctgtcacct gctgctgctc gtctccnana cactgctacc 120
 tgctnaaagc ccttgaagat natctggaga cagcatccag cccatcacct actggctggc 180
 gaanggcacc aataatggat tgtttggggg gggcnvggga agaatgggtg gatggggag 239

<210> 143
 <211> 317
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(317)
 <223> n = A,T,C or G

<400> 143
 tccccagacc tcaatcaggt ngattcatga ntangacctc actnccgnnt tancannana 60
 ccncctgggg tggaccttct gacntngcct ggctctcttg ttgctgtcaa ctgctcctgc 120
 tcgtctccaa aacnctgcta cctnctcaaa cgcccttcac atnntctgga nacancatcc 180
 ntccnatcac ctactggctg gcgaanggca ccaanaatgg attgtttggg gggggcnggg 240
 gaagaatggt gggatgggga gggcggcccc tctttataa tacagactct tagtaaacctt 300
 tggggccttg aacagaa 317

<210> 144
 <211> 321
 <212> DNA
 <213> Mus musculus

<400> 144
 gaatccacca tcatggatca aaccatggat tcccagcata ggtcaggctc ccaaaccctg 60
 actcttcgtg aaacaaaggc gaaaccaaag tatagtctcc cctccccag cctgaaacct 120
 gcttgctcag ggggtggagct tcccgtcaa tcgttctgcc acgcccactg ctggagcctg 180
 tcgctttcct gttccgaagc catcacgtgg tcacctgct actggatgcc gagattatct 240
 ggcgggaatc gggccccctt cctctctgct tcataactgc ttgcggaaca ataaaattga 300
 gctttgatca gaaaaaaaa a 321

<210> 145
 <211> 231
 <212> DNA
 <213> Mus musculus

<400> 145
 gtgttttgcc tgtgtgtata tatgtacacg tatgtacacc atgtcatgag cctccatggt 60
 cgtgagagga ctttggatcc cttggaactg gcgttacatt ggctgtgagc ctccatgttg 120
 gcgtgagaa gcaaacctgg gttctctgga agcgcagcaa gtgctcttaa ccatcgagcc 180
 atctctccat ctcaaaccac ccatgtatat aaaatgaaaa tacataaacc a 231

<210> 146
 <211> 182
 <212> DNA
 <213> Mus musculus

<400> 146
 ggacggaggg ttccagactg ccctttggga ttcaaaccggg agccgctttg gactgactgg 60
 ctgccttctt cctcctcccc ctccctcccc ttctgcttca gatttattta ttatatgtaa 120
 gtacactgta gcagttgtag gacacactag acgagggcac cagatctcat tgtgggtggt 180
 tg 182

<210> 147
 <211> 316
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(316)

<223> n = A,T,C or G

<400> 147

agacccctct	cttaggttta	gaaatcgctg	gaataccnaa	gagcaacgct	tcctctggtg	60
ggcagctgat	tcttatctgt	acatgggaca	gggcgggggg	gcaggggggg	ggnagnctct	120
atcgacctnt	nacngctgn	tnanatacag	gacactgcaa	nntgcatgan	aggccctgta	180
gatattccgg	agacagcaac	ccgcagatca	cctactggca	ggcaacaggc	atcaacaatg	240
gattggcggg	gggatggggc	tcccccttt	ataagcacag	actcttagta	aacttggggg	300
ccttgaaaaa	aaaaaa					316

<210> 148

<211> 217

<212> DNA

<213> Mus musculus

<400> 148

gacttgacct	cgctgccgct	gagcatgaga	cccctggggg	ggagccttcc	gacctagccg	60
gctctattgt	tctgtcacct	gctgctgctc	gtctccaaga	cactgctacc	tgctgaaagg	120
cccttgagat	aatctggaga	cagcatccag	ccgatcacct	actggctggc	gaagggcacc	180
aagaatggat	tgtttggggg	gggcggggga	ggaatgg			217

<210> 149

<211> 308

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(308)

<223> n = A,T,C or G

<400> 149

gccctgaagc	aggttgattc	agacttgacc	tcgctgccgc	tgagcatgag	accacctggg	60
gtggagcctt	ccgacctagc	cggctctatt	gttctgtcac	ctgntgctgc	tcgtctccaa	120
gacactgcta	cctgctgaaa	ggcccttgag	ataatctgga	gacagcatcc	agccgatcac	180
ctactggctg	gcgaagggca	ccaagaatgg	attgtttggg	gggggcgngn	gaggaanggt	240
gggatgggga	tgggcgggcc	ctctttataa	gtncagactc	ttagtaaact	ttggggcctt	300
gaacagaa						308

<210> 150

<211> 370

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(370)

<223> n = A,T,C or G

<400> 150

acgagagagg	ggcatcaacc	caccacaaaa	accttcnncc	cagattgtgn	tctgcctaca	60
------------	------------	------------	------------	------------	------------	----

cgatacacag	gnnttacnat	ggngcagana	tatgagggga	cggtaacca	gtgantgcnt	120
ancnnagan	cnatnccatg	ggagagagcc	ancccntgnc	actattgaca	ctcggctatg	180
cttgacagaca	gtgtgactcc	ttgacaacag	tgtgcctcgt	tatggtttta	tgaaccaggt	240
taacagtctt	cctccaaggt	ctctgtttca	gtccctgcct	ccaggaaatg	ccctgcttgt	300
gtttctgctc	tgacttcccc	cagtgatgga	atgttaccat	ggaagataaa	ataaatcttt	360
tcccacatca						370

<210> 151
 <211> 137
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(137)
 <223> n = A,T,C or G

<400> 151	
tacatactag	ggcccttgnt gctaccactt ctgagcatct ggangtctct gcagntgttg 60
gggtactact	agtggtgtctg aagacagcta cagtgtactc atatcaaata tataaatatt 120
taggggaaaa	aaaaaaaa 137

<210> 152
 <211> 320
 <212> DNA
 <213> Mus musculus

<400> 152	
aagcctcccc	cagccctgaa gcaggttgat tcagacttga cctcgtctgcc gctgagcatg 60
agaccacctg	gggtggagcc ttccgacctc gccggctcta ttgttctgtc acctgctgct 120
gctcgtctcc	aagacactgc tacctgctga aaggcccttg agataatctg gagacagcat 180
ccagccgatac	acctactggc tggcgaaggc caccaagaat ggattgtttg gggggggcgg 240
gggaggaatg	gtgggatggg gatgggcggc ccctctttat aagtacagac tcttagtaaa 300
ctttggggcc	ttgaacagaa 320

<210> 153
 <211> 141
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(141)
 <223> n = A,T,C or G

<400> 153	
atgggaagat	ggaagtagag aatcaactgc atgaagtcct gtgctgtcct nacgtgtgct 60
atggctcaca	tacacgcgca cgcgcgcaca cacacacaca cacacacaga gataataaaa 120
tgaatattaa	aaaaggaaaa a 141

<210> 154
 <211> 100
 <212> DNA
 <213> Mus musculus

<220>


```

<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G

<400> 154
ggttagtctc gaaattcgat atcaagctga tccggaaccc ttaatataac ttcggataat      60
gtatgctata cgaagttatn angncctcgc aaaaaaaaaa      100

<210> 155
<211> 217
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(217)
<223> n = A,T,C or G

<400> 155
cctgaagcag gttgattcan acttgacctc gctgccgctg agcatganac cacctggggg      60
ggagccttcc gacctaacgc gctctattgn tctgtcacct gctgctgctc gtntccaaga      120
cactgntacc tgctgaaagg cccttgagat aatctggaga cagcatncan ccgatcacct      180
actggctggc gaagggcacc aagaatggat tgtttgg      217

<210> 156
<211> 254
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(254)
<223> n = A,T,C or G

<400> 156
atgaccctct tagacacgaa gcaggttgat tcagacttga cctcgctgcc gctgagcatg      60
agaccacctg ggtgggagcc ttccgacctc nccggetcta ttgntctgtc acctgctgct      120
gctcgtctcc aagacactgc tacctgctga aaggcccttg agataatctg gagacagcat      180
ccanccgatc acctactggc tggcgaaggc caccaagaat ggattgtttg gggggggcgg      240
gggaggaatg gtgg      254

<210> 157
<211> 384
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(384)
<223> n = A,T,C or G

<400> 157
ggtcacctac tgtaaccaga caggacttcc tgtgaagaga gaggggcatc aaccaccca      60
caaaaccttc aaccctaaat gtgttctgcc tacaagatac acagggataa agatggagca      120
gagattgagg ggacggccaa ccagtgactg cctaactcga gacctatccc atgggagaga      180
gcccaaccct gccactattg acactcggct atgcttgcag acagtgtgac tccttgacaa      240

```

cagtgtgcct	cgttatgggt	ttatgaaacc	agttaacagt	cttcctccaa	ggtctctgct	300
tcagtcacctg	cctncangaa	atgccctgct	tgtgtttctg	ctctgacttc	ccccagtgat	360
tggaatgtta	ccatggaaga	taac				384

<210> 158
 <211> 412
 <212> DNA
 <213> Mus musculus

<400> 158	
tggtcaccta	ctgtaaccag
acaaaacctt	caacccaaaa
agagattgag	gggacggcca
agccaacccc	tgccactatt
acagtgtgcc	tcgttatggg
ttcagtcacct	gcctccagga
tggaatgtta	ccatggaaga
	taaaataaat
	ctttccca
	tcaaaaaaa
	aa
	60
	120
	180
	240
	300
	360
	412

<210> 159
 <211> 230
 <212> DNA
 <213> Mus musculus

<400> 159	
agatgctgca	ctgggtcagg
tggaagagtg	gctcagtggt
tcccaggagc	cacatggagg
ggatccatg	cagatagagc
	acccatatac
	attagataaa
	taaaaaataa
	60
	120
	180
	230

<210> 160
 <211> 319
 <212> DNA
 <213> Mus musculus

<400> 160	
agcctcccc	agcctgaag
gaccacctgg	ggtggagcct
ctcgtctcca	agacactgct
cagccgatca	cctactggct
ggaggaatgg	tgggatgggg
tttggggcct	tgaacagaa
	cagggttgatt
	tccgacctag
	acctgctgaa
	ggcgaagggc
	atggggcggc
	cctctttata
	agtacagact
	cttagtaaac
	60
	120
	180
	240
	300
	319

<210> 161
 <211> 204
 <212> DNA
 <213> Mus musculus

<400> 161	
gtagctctgg	ctgtcttgga
atctgcctac	cgctgcctcc
tatcttgtcg	ttttaattat
aaaaattttt	ttaaaagaaa
	aaaa
	60
	120
	180
	204

<210> 162
 <211> 416
 <212> DNA

GenBank accession number: U00187.1 (Mus musculus genome)

<213> Mus musculus

<400> 162

agactggtca	cctactgtaa	ccagacagga	cttcctgtga	agagagaggg	gcatcaaccc	60
accacaaaa	ccttcaaccc	aaaatgtgtt	ctgcctacaa	gatacacagg	gataaagatg	120
gagcagagat	tgaggggacg	gccaaccagt	gactgcctaa	ctcgagaccc	atccccatggg	180
agagagccaa	cccctgccac	tattgacact	cggctatgct	tgacagacagt	gtgactcctt	240
gacaacagtg	tgccctgtta	tggttttatg	aaaccagtta	acagtcttcc	tccaagggtct	300
ctgcttcagt	ccctgcctcc	aggaaatgcc	ctgcttgtgt	ttctgctctg	acttccccca	360
gtgatggaat	gttaccatgg	aagataaaaat	aaatctttcc	cacatcaaaa	aaaaaa	416

<210> 163

<211> 396

<212> DNA

<213> Mus musculus

<400> 163

ccttggtattg	acgcaggact	ctcactgaac	ctggaaccag	gctgccgtgt	ccagcaagcc	60
tcacccatcg	cctttctcca	tctgtccccc	aacccccac	agcactgtgc	aagcgtgtgc	120
agccgtacct	ggctttttct	gtggacgctg	gaatctgaac	ccagcatcct	ttgcatgcac	180
agctgtagtc	tcccctctcc	tagcctgaaa	cctgcttgct	caaggggtgg	agcttctctg	240
tcattcgttc	tgccacgccc	actgctggaa	cctgcggagc	cacacacgtg	cacctttcta	300
ctggaccaga	gattattcgg	cgggaatcgg	gtcccctccc	ccttccttca	taactagtgt	360
cgaacaata	aaatttgagc	cttgatcaag	aaaaaa			396

<210> 164

<211> 222

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1) ... (222)

<223> n = A,T,C or G

<400> 164

gctgtgtgta	tatatgtaca	cgtatgtaca	cnatgtcatg	agcctcctgg	tcgtgagagg	60
actttggatc	ccttggaact	ggcgttacat	tggtcgtgag	cctccatggt	ggcgttgaga	120
agcaaacctg	ggttctctgg	aagcgcagca	agtgccttta	accatcgagc	catctctcca	180
tctcaaacca	cccatgtata	taaaatgaaa	atacataaac	ca		222

<210> 165

<211> 208

<212> DNA

<213> Mus musculus

<400> 165

gataaagaaa	ccgccgcca	ggttgacatc	aagatagcct	ggaactgatg	gttgtgagct	60
gtcacatgga	gaatcgaaat	tgaacctggg	tcctctggaa	gggcaaccaa	tatccttaac	120
tgctgagcta	tttctccagc	cccttcacc	atcggttctc	ttggcagaga	aaacaagaga	180
aaaaggacac	tatggaaaaa	taaagaaa				208

<210> 166

<211> 179

<212> DNA

<213> Mus musculus

<400> 166
 ggggcctgtg gggagaagag aaggtttcac catgtatccc tccctggctg ggctggaact 60
 cactatgtag accagaccag actccagctc attctgcctc tacttcccaa atgctgatat 120
 taaaggcatg tgccgtcact ccccgcaaaa aacttttcta ttttaattga ggtatattt 179

<210> 167
 <211> 394
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(394)
 <223> n = A,T,C or G

<400> 167
 gacaggactt cctgtganga gagaggggca tnaaccacc cacaaaacct tcaacccaaa 60
 atgtgttctg cctacaagat acacagggat aaagatggag cagagattga ggggacggcc 120
 aaccagtgc tgccctaactc gagacccatc ccatgggaga gagccaacct ctgccactat 180
 tgacactcgg ctatgcttgc anacagtgtg actccttgac aacagtgtgc ctcgttatgg 240
 ttttatgaaa ccagttaaca gtcttctctc aaggtctctg cttcagtcctc tgcctccagg 300
 aaatgccctg cttgngtttc tgctctgact tnccccagtg atggaatggt tcnnttggaa 360
 gataaaataa atctttccca catcaaaaaa aaaa 394

<210> 168
 <211> 239
 <212> DNA
 <213> Mus musculus

<400> 168
 gtcgttttgc ctgtgtgtat atatgtacac gtatgtacac catgtcatga gcctccatgg 60
 tcgtgagagg actttggatc ccttggaact ggcgttacat tggtcgtgag cctccatggt 120
 ggcgctgaga agcaaacctg ggttctctgg aagcgcagca agtgctctta accatcgagc 180
 catctctcca tctcaaacca cccatgtata taaaatgaaa atacataaac caaaaaaaaa 239

<210> 169
 <211> 338
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(338)
 <223> n = A,T,C or G

<400> 169
 gtgaatgaga gaggggcatc aaccaccccc aaaaccttca acccaaaatg tgttctgcct 60
 acaagataca caagggataa agatggagca ngagattgag gggacggcca accagtgcct 120
 gcctaactcg agacccatcc catgggagag agccaaccccc tgccactatn gacactcggc 180
 tatgcttgca gacagtgtga ctccttgaca acagtgtgcc tcgttatggt tttatgaaac 240
 cagttaacag tcttctctca aggtctctgc ttcagtcctc gcctccagga aatgccctgc 300
 ttgtgtntct gctctgactt nccccagaga tggaaatgt 338

<210> 170
 <211> 416
 <212> DNA

<213> Mus musculus

<400> 170

agactgggtca	cctactgttaa	ccagacagga	cttcctgtga	agagagaggg	gcatcaaccc	60
accacaaaa	ccttcaaccc	aaaatgtgtt	ctgcctacaa	gatacacagg	gataaagatg	120
gagcagagat	tgaggggacg	gccaaccagt	gactgcctaa	ctcgagaccc	atcccatggg	180
agagagccaa	cccctgccac	tattgacact	cggctatgct	tgagacagct	gtgactcctt	240
gacaacagtg	tgacctgtta	tggttttatg	aaaccagtta	acagtcttcc	tccaagggtc	300
ctgcttcagt	ccctgcctcc	aggaaatgcc	ctgcttgtgt	ttctgctctg	acttccccca	360
gtgatggaat	gttaccatgg	aagataaaat	aaatctttcc	cacatcaaaa	aaaaaa	416

<210> 171

<211> 319

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(319)

<223> n = A,T,C or G

<400> 171

gcctccccc	gccctgaagc	aggttgattc	agacttgacc	tcgctgccgc	tgagcatgag	60
accacctggg	gtggagcctt	ccgacctagc	cggctctatt	gttctgtcac	ctgctgctgc	120
tcgtctccaa	gacactgcta	cctgctgaaa	ggcccttgag	ataatctgga	gacagcatcc	180
agccgatcac	ctactggctg	gcgaagggca	ccaagaatgg	attgtttggg	gggggcgggg	240
gaggaatgg	gggatgggga	tggncggccc	ctctttataa	gnacngactc	ttagtanact	300
ttggggcctt	gaacagaaa					319

<210> 172

<211> 335

<212> DNA

<213> Mus musculus

<400> 172

gcattaactg	tggttggtt	acagtttcag	aggttttagt	cgttattacc	atggttggtg	60
ctggagaagt	ggctgagagg	tctacatctg	aatccacaag	catcaggaag	aaagagtgc	120
cgtgaacctg	gcttggtttt	ttgatgcctc	aaaaccacc	cccaatgac	acagtttctc	180
caacaaggcc	tccaatgaca	cctactgcaa	caaatagtgc	cattctctaa	acactcaa	240
atatgagcct	atgggaccgt	tcttactcaa	ccccacata	tatgtatatg	cacctatg	300
cccaaatata	atctcttcca	ctcataaaaa	aaaaa			335

<210> 173

<211> 308

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(308)

<223> n = A,T,C or G

<400> 173

ctccccagc	cctgaagcag	gttgattcag	gacttgacct	cgctgccgct	gagcatgaga	60
ccacctgggg	tgagaccttc	cgacctagcc	ggctctattg	ttctgtcacc	tgctgtgct	120
cgtctccaag	acactgctac	ctgctgaaag	gcccttgaga	taatctggag	acagcatcca	180

```

gccgatcacc tactggctgg cgaagggcac caagaatgga ttgtttgggg ggggcggggg 240
aggaatggtg ggatggggat gggcggcccc tctttataag tncngactct tagtaaactt 300
tggggcct 308

```

```

<210> 174
<211> 235
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(235)
<223> n = A,T,C or G

```

```

<400> 174
attattatac ataagaacac tgtanctgtc ttnanatgca ccagaagagg gcgtcagatn 60
tnattacgga tggttgtgag tnaccatgng gntgctcgna ttngaactca ngancttttg 120
aagaacagnt cgagctctta ccctctgagc catctcacca gccctgatct ccattgtatg 180
tgcatgcaca tgtaaataaa cataataaaa catcgtaagt cttgaaaaaa aaaaa 235

```

```

<210> 175
<211> 273
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(273)
<223> n = A,T,C or G

```

```

<400> 175
tgagcatgag accacntgga gtggagcctt ncgacctanc cggctctatt gnnctgtcac 60
ctgctgntgc tcgtctccaa gacactgcta cctgctgaaa ggcccttgag ataatctgga 120
gacagcatcc agccgatcac ctactggctg gcgaagggca ccaagaatgg attgtttggg 180
gggggcgggg gaggaatggt gggatgggga tgggcggccc ctctttataa gtacagactc 240
ttagtaaaact ttggggcctt gaacagaaaa aaa 273

```

```

<210> 176
<211> 244
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(244)
<223> n = A,T,C or G

```

```

<400> 176
tatataaaca gtaagaactg ctgaggagaa catgactagg cctgctgcct ggaagagact 60
cacnacctgc ctgaaggaga gattctctgt cctgttgagc tctccacaag tagtgtaatg 120
aactccaggg ttcctgctct tggatgatga nctatatatt agttgacctt gccctgccc 180
ttgccctttt acttatatct ttgtgaataa ctctaataaa ctctattggat taccaaaaaa 240
aaaa 244

```

```

<210> 177
<211> 248

```

<212> DNA
 <213> Mus musculus

<400> 177
 ggggcctgtg gggagaagag aaggtttcac catgtatccc tccctggctg ggctggaact 60
 cactatgtag accagaccag actccagctc attctgcctc tacttcccaa atgctgatat 120
 taaaggcatg tgccgtcact ccccgcaaaa aacttttcta ttttaattga ggtatatattc 180
 acaaacaaaa aatgtaaacc ttcaagatct ataataaaaa ttaaacaac acttcatcaa 240
 aaaaaaaaa 248

<210> 178
 <211> 300
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 178
 tgattcagac ttgacctcnc tgnccgtgag catganacca cctgggggtg agccttccga 60
 cctagccggc tctattgttc tgtcacctgc tgctgctcgt ctccaagaca ctgctacctg 120
 ctgaaaggcc cttgagataa tctggagaca gcatccagcc gatcacctac tggctggcga 180
 agggcaccaa gaatggattg tttggggggg gcgggggagg aatgggtgga tggggatggg 240
 cggcccctct ttataagtac agactcctag taaacttttg ggccttgaac agaaaaaaaa 300

<210> 179
 <211> 284
 <212> DNA
 <213> Mus musculus

<400> 179
 acctaggaag cctgactgcc ttgaactcct ggatacccaa ggatggcact gaactttctca 60
 tccttctaata tccaagtgt taagatttca ggtatgggct ggtgagatgg ctcaagtggg 120
 aagagcggcc gactgctcct ccgaaggctc gaagttcaaa tcccagcaac cacatggtgg 180
 ctcaacaaca tctgtaacaa gatctgacgc cctcttcttg agtgtctgaa gacagctaca 240
 gtgtacttac atataataaa taaataaatc tttaaaaaaaa aaaa 284

<210> 180
 <211> 316
 <212> DNA
 <213> Mus musculus

<400> 180
 cagatgttac atttaggaag cctgtctcac atccctagga ctatcccact gtcactgcct 60
 cagaagcctg gtctccagag tcgactgggt tagtcccccc tccctcagcc tgaaacctgc 120
 ttgctcaggg gtggagcttc ccgctcaatc gttctgccac gccactgctt ggaatctgcc 180
 gctttgtgtg tcggagccgt gcacgaggtc acccagctat tggattccaa gattaattgg 240
 cgggaatcgg gcccttccc ctgcttcata actgcgtgcg gaacagtaaa attgagcttt 300
 gatcagaaaa aaaaaa 316

<210> 181
 <211> 318
 <212> DNA
 <213> Mus musculus

```

<400> 181
gcctcccca gccctgaagc aggttgattc agacttgacc tcgctgccgc tgagcatgag      60
accacctggg gtggagcctt ccgacctagc cggctctatt gttctgtcac ctgctgctgc      120
tcgtctccaa gacactgcta cctgctgaaa ggcccttgag ataactctgga gacagcatcc      180
agccgatcac ctactggctg gcgaagggca ccaagaatgg attgtttggg gggggcgggg      240
gaggaatggg gggatgggga tgggcggccc ctctttataa gtacagactc ttagtaaact      300
ttggggcctt gaacagaa                                     318

```

```

<210> 182
<211> 369
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(369)
<223> n = A,T,C or G

```

```

<400> 182
gactggtcac ctactgnagc ccgacnngac ttncgtgtgat gagagagggg catnaaccca      60
cccacaaaac cttcanccca aaatgtgttc tgcctacaag atacggcagg gatnaagatg      120
gagcanagat tgaggggacg gccaacnngn gactgnctaa ctcgagacc ntncatggg      180
agagagccna cccctgccac tattgacact cggctatgct tgnagacagt gtgactcctt      240
gacaacagtg tgccctgcta tgggttttatg aaaccagtta acagtcttcc tccaaggctc      300
ctgcttcagt cccctgcctcc aggaaatgcc ctgcttgtgt ttctgctctg acttccccca      360
gtgatggaa                                     369

```

```

<210> 183
<211> 163
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(163)
<223> n = A,T,C or G

```

```

<400> 183
gctgtgcctg cctggatgct gccatgcttt ccaccacgan gannattgac tgaatnccat      60
aagctgttna ccagcccnaa tanatgtcnt ttataaganc tancttgnta ggagatcgag      120
aganggtcga ncngntaaga gcactgactg ctcttaattc tga                                     163

```

```

<210> 184
<211> 263
<212> DNA
<213> Mus musculus

```

```

<400> 184
acttgacctc gctgccgctg agcatgagac cacctggggg ggagccttcc gacctagccg      60
gctctattgt tctgtcacct gctgctgctc gtctccaaga cactgctacc tgctgaaagg      120
cccttgagat aatctggaga cagcatccag ccgatcacct actggctggc gaagggcacc      180
agaatggat tgtttggggg gggcggggga ggaatggtgg gatggggatg ggccgcccct      240
ctttataagt acagactctt agt                                     263

```

```

<210> 185
<211> 320

```


<212> DNA
 <213> Mus musculus

<400> 185
 gcctccccc gccctgaagc aggttgattc agacttgacc tcgctgccgc tgagcatgag 60
 accacctggg gtggagcctt ccgacctagc cggctctatt gttctgtcac ctgctgctgc 120
 tcgtctccaa gacactgcta cctgctgaaa ggcccttgag ataatctgga gacagcatcc 180
 agccgatcac ctactggctg gcgaaggcca ccaagaatgg attgtttggg gggggcgggg 240
 gaggaatggg gggatgggga tgggcggccc ctctttataa gtacagactc ttagtaaact 300
 ttggggcctt gaacagaaaa 320

<210> 186
 <211> 379
 <212> DNA
 <213> Mus musculus

<400> 186
 ggatcctctg caggtgaacc acttcagaga agatatagct gctggtaaatt ggctttgggtt 60
 tccagacaca attttccaac ttcacattca cagataaaca aaacagaagt gatggtttgt 120
 atatgcttgg cccagggagt gacactatta ggaggtgttg gagtatgtgt gtcactgtgg 180
 gtgtgggctt aagaccttca ccctagctgc ctggaagtca gtattctgct agaagctttc 240
 agatgaagat gtagaacttt cagctcctcc tgcacgatgc cagccagaat cccaacatgt 300
 tccaccttga tgataatgga ctgaacctct gaacctgtaa gccagcccca attaaatgtt 360
 gtctttataa gaaaaaaaa 379

<210> 187
 <211> 373
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(373)
 <223> n = A,T,C or G

<400> 187
 ctgtgaagag agaggggcat canccacccc acnaaacctt naacccaaaa tgtgtttctgc 60
 ctacaagata cacagggata aagatggagc anagattgag gggacggnca accagtgact 120
 gcctaactcg agaccatcc catgggagag agccaacccc tgccactatt gacactcggc 180
 tatgcttgca gacagtgtga ctccttgaca acagtgtgcc tcgttatggg tttatgaaac 240
 cagttaacag tcttcctcca aggtctctgc ttcagtcctt gcctccagga aatgccctgc 300
 ttgtgtttct gctctgactt cccccagtga tggaatgtta ccatggaaga taaaataaat 360
 ctttcccaca tca 373

<210> 188
 <211> 296
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(296)
 <223> n = A,T,C or G

<400> 188
 aggttgattc agacttgacc tcgctgccgc tgagcatgag accacctggg gtggagcctt 60

ccgacctagc	cggtctctatt	gttctgtcac	ctgctgctgc	tcgtctccaa	gacactgcta	120
cctgctgaaa	ggcccttgag	ataatctgga	gacagcatcc	agccgatcac	ctactggctg	180
gcgaagggca	ccaagaatgg	attgtttggg	gggggcgggg	gaggaatggt	gggatgggga	240
tgggcggccc	ctctttataa	gttcagactc	ttagtnaact	ttggggcctt	gacaga	296

<210> 189
 <211> 187
 <212> DNA
 <213> Mus musculus

<400> 189						
ggctcagtgt	atcctgtttt	atattttggt	ctttgacccg	tttggacttg	agttttgtgc	60
acgaggaata	agtatggatc	tatttggtatt	cttctacatt	ctgacatcca	gtttgaccat	120
caccatttgt	tgaagaagct	gtcttttttt	ccagtgtgta	tttttggcct	cgttattaaa	180
aaaaaaa						187

<210> 190
 <211> 345
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(345)
 <223> n = A,T,C or G

<400> 190						
ccaccaatgc	accaantcca	gcgcatccag	ctntgcancg	ncncagncat	ncanncatnc	60
agcaaacnag	ncatcncgcc	atccagncat	nnaccaatcc	agccatccag	ccatccagca	120
accagccat	ccagccatcc	agcaaccag	ccatccagcc	atccagcaat	agcaaaagca	180
gcaaatgcag	cagcagggac	caacagcagg	gggagcagta	gcccccgccc	caggctctct	240
gggagctctt	gaatttatac	cctctcaaga	gtccccagaa	ttccaaatgc	aaactatctg	300
cagggtggcaa	aatcatagtg	tagcaagccc	tgtatcccaa	acctg		345

<210> 191
 <211> 296
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(296)
 <223> n = A,T,C or G

<400> 191						
ctgaagcagg	ttgattcaga	cttgacctcg	ctgccgctga	gcatgagacc	acctgggggtg	60
gagccttccg	acctagccgg	ctctattgtt	ctgtcacctg	ctgctgctcg	tctccaagac	120
actgctacct	gctgaaaggc	ccttgagata	atctggagac	agcatccagc	cgatcaccta	180
ctggctggcg	aagggcacca	agaatggatt	gtttgggggg	ggcgggggag	gaatgggtggg	240
atgggggatgg	gcggcccctc	tntataagta	ctgactctta	gtaaactttg	gggcct	296

<210> 192
 <211> 273
 <212> DNA
 <213> Mus musculus

<400> 192
gatacctgta gcctccctca tccctgaagc aggctgatcc agactttgac cttgctgcca 60
ccgagaagga aattacctaa ggtggagctt tccaacctag atggctcttt tgttctgcca 120
cctgccactg ctctctccaa gacactgcta cccgctgaga agccctgag atattccgga 180
ggagcatcct attctgccca tcgcctacag gctggttcca gacaccaaga atgggctggc 240
ggggggggga tgggccttcc ccttttataa gta 273

<210> 193
<211> 285
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(285)
<223> n = A,T,C or G

<400> 193
acacttgacc tcgctgccgc tgagcatgat accacctggg gtggagcctt ccgacctanc 60
cggntctatt gttctgtcac ctgctgctgc tcgtctccna nacactgcta cctgctgaaa 120
ggcccttgag ataatctgga gacagcatcc agccgatcac ctactggctg gcgaagggca 180
ccaagaatgg attgtttggg gggggcgggg gaggaatggg gggatgggga tgggcggccc 240
ctctttataa gtacagactc ttantaaact ttggggcctt gaaca 285

<210> 194
<211> 415
<212> DNA
<213> Mus musculus

<400> 194
gactggtcac ctactgtaac cagacaggac ttctgtgtaa gagagagggg catcaaccca 60
cccacaaaac cttcaaccca aaatgtgttc tgcctacaag atacacaggg ataaagatgg 120
agcagagatt gaggggacgg ccaaccagtg actgcctaac tcgagaccca tcccatggga 180
gagagccaac ccctgccact attgacactc ggctatgctt gcagacagtg tgactccttg 240
acaacagtgt gcctcgttat ggttttatga aaccagttaa cagtcttctc ccaaggtctc 300
tgcttcagtc cctgcctcca ggaaatgcc tgcctgtgtt tctgctctga cttccccag 360
tgatggaatg ttaccatgga agataaaata aatctttccc acatcaaaaa aaaaa 415

<210> 195
<211> 126
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(126)
<223> n = A,T,C or G

<400> 195
attggaataa cccccanac acttctaaac aggtccacat acccttgtcc tttttaccac 60
ctaacccttt tcaaccctac ctttggatgg tgggcttgaa gcgtttaaga acccttatta 120
aaagta 126

<210> 196
<211> 414
<212> DNA

<213> Mus musculus

<400> 196

gactggtccc	tactgtaacc	agacaggact	tcctgtgaag	agagaggggc	atcaaccac	60
ccacaaaacc	ttcaacccaa	aatgtgttct	gcctacaaga	tacacagga	taaagatgga	120
gcagagattg	aggggacggc	caaccagtga	ctgcctaact	cgagacccat	cccatgggag	180
agagccaacc	cctgccacta	ttgacactcg	gctatgcttg	cagacagtgt	gactccttga	240
caacagtgtg	cctcgttatg	gttttatgaa	accagttaac	agtcttcctc	caagggtctct	300
gcttcagtcc	ctgcctccag	gaaatgccct	gcttgtgttt	ctgctctgac	ttcccccagt	360
gatggaatgt	taccatggaa	gataaaataa	atctttccca	catcaaaaaa	aaaa	414

<210> 197

<211> 249

<212> DNA

<213> Mus musculus

<400> 197

gcctcccca	gccctgaagc	aggttgattc	agacttgacc	tcgctgccgc	tgagcatgag	60
accacctggg	gtggagcctt	ccgacctagc	cggctctatt	gttctgtcac	ctgctgctgc	120
tcgtctccaa	gacactgcta	cctgctgaaa	ggcccttgag	ataatctgga	gacagcatcc	180
agccgatcac	ctactggctg	gcgaagggca	ccaagaatgg	attgtttggg	gggggcgggg	240
gaggaatgg						249

<210> 198

<211> 212

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(212)

<223> n = A,T,C or G

<400> 198

ctgtatagga	ctatgganag	atggctctgc	agnnaagagc	actgactgct	ttnncanagg	60
tnntgagttc	aataccccag	gcctcaggaa	ctacatggcg	gcttacaacc	atntgaaatg	120
gnatccaatg	tnntctnntg	gtgtgtctga	agacagtgac	agtatacagt	gtacttacat	180
aaaacacaca	aataaatctt	taaaaaagtt	aa			212

<210> 199

<211> 214

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(214)

<223> n = A,T,C or G

<400> 199

ggtttctcta	gaggactact	taaagaagga	tccagcagag	aagancactn	antgttttcc	60
cagaggtcct	gagttcaatn	ccccaggcct	caggaactac	atggcggtt	acaaccatct	120
gnaatgggat	ccaatgtcct	ctcctgggtg	gtctgaagac	agtgacagta	tacagtgtac	180
ttacataaaa	cacacaaata	aatcttttaa	aaag			214

<210> 200

<211> 285
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(285)
 <223> n = A,T,C or G

<400> 200
 gaaccttgaa attgaactaa atgtatttct cattatgcta tggctagga tggccccac 60
 agactcatgt gtttgaacaa acctatgggg gccagtgagt acaatgtggt ggnttgaata 120
 tgcttgcccc aggggaagtgg cactgngtga ccctgttggga cnaagtgtgt cactgttggg 180
 gtgggcaaag agagcttcct cctagctgcc tggggatgcc aagtctcttc tggttgcctt 240
 caaatcaaga tgcaagaact ctcagntcct tcttcagcat taatg 285

<210> 201
 <211> 324
 <212> DNA
 <213> Mus musculus

<400> 201
 gcctcccca gccctgaagc aggttgattc agacttgacc tcgctgccgc tgagcatgag 60
 accacctggg gtggagcctt cgcacctagc cggctctatt gttctgtcac ctgctgctgc 120
 tcgtctccaa gacactgcta cctgctgaaa ggcccttgag ataatctgga gacagcatcc 180
 agccgatcac ctactggctg gcgaaggcca ccaagaatgg attgtttggg gggggcgggg 240
 gaggaatggg gggatgggga tgggcggccc ctctttataa gtacagactc ttagtaaaact 300
 ttggggcctt gaacagaaaa aaaa 324

<210> 202
 <211> 247
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(247)
 <223> n = A,T,C or G

<400> 202
 ggcattgcag gagctgagag angcctgtgc gtatatatgt acacgtatgt acaccatgtc 60
 atgagcctcc atgggtcgtga naggactttg gatcccttgg aactggcggtt acattggctg 120
 tgagcctcca tgttggcngc tgagaagcaa acctgggttc tctggaagcg cagcaagtgc 180
 tcttaaccat cgagccatct ctccatctca aaccacccat gtatataaaa tgaaaataca 240
 taaacca 247

<210> 203
 <211> 324
 <212> DNA
 <213> Mus musculus

<400> 203
 gcctcccca gccctgaagc aggttgattc agacttgacc tcgctgccgc tgagcatgag 60
 accacctggg gtggagcctt cgcacctagc cggctctatt gttctgtcac ctgctgctgc 120
 tcgtctccaa gacactgcta cctgctgaaa ggcccttgag ataatctgga gacagcatcc 180
 agccgatcac ctactggctg gcgaaggcca ccaagaatgg attgtttggg gggggcgggg 240

gaggaatggt gggatgggga tgggcggccc ctctttataa gtacagactc ttagtaaact 300
 ttggggcctt gaacagaaaa aaaa 324

<210> 204
 <211> 225
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(225)
 <223> n = A,T,C or G

<400> 204
 ggtactggag agaggaatgg ctcantgatt aagaagattc tctgctcttc cagagggctg 60
 gttcaatttt cagcacccaa atggnggctt tccatcaccg gtggcttcag ttccagatct 120
 gatgcattct ggcctccttg ggcatnaggc atgcgcattg catacacata tacacacagg 180
 caaaacacat aataataaac attcacttnt ctcagaaaaa aaaaa 225

<210> 205
 <211> 255
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(255)
 <223> n = A,T,C or G

<400> 205
 ggtggggtct ttcaaccgaa catcacgtgt cctccatgag tcttgccctca gcacatacat 60
 ctgtctcagc tgacatcact ctgccaatg gtcctgggtcc tcggaagtga gaagaaacta 120
 cagcacacca cttttgggtgc atttctctct atggagtcct gatgaatgaa gcgcaactgt 180
 gcattgtaag gagtatnaat nngngtgagt cattagcaaa gaatccctca tcacgggtcc 240
 tttcaaaaaa aaaaa 255

<210> 206
 <211> 286
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(286)
 <223> n = A,T,C or G

<400> 206
 ctcaggaagc ctggactggc cttgaactca ctggataccc anggatggca ctgaacttct 60
 catccttcta attcccaagt gttaagattt caggatggg ctgggtgagat ggctcagtgg 120
 gtaagagcgc ccgactgctc ttccgaaggc ctgaagttca aatcccagca accacatggt 180
 ggctcacaac catctgtaac aagatctgac gccctcttct ggagtgtctg aagacagcta 240
 cagtgtactt acatataata aataaataaa tctttaaaaa aaaaa 286

<210> 207
 <211> 322
 <212> DNA

<213> Mus musculus

<400> 207

ctccccccagc	cctgaagcag	gttgattcag	acttgacctc	gctgccgctg	agcatgagac	60
cacctgggggt	ggagccttcc	gacctagccg	gctctattgt	tctgtcacct	gctgctgctc	120
gtctccaaga	cactgctacc	tgctgaaagg	cccttgagat	aatctggaga	cagcatccag	180
ccgatcacct	actggctggc	gaagggcacc	agaatggat	tgtttggggg	gggcggggga	240
ggaatggtgg	gatggggatg	ggcggccctt	ctttataagt	acagactctt	agtaaacttt	300
ggggccttga	acagaaaaaa	aa				322

<210> 208

<211> 127

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(127)

<223> n = A,T,C or G

<400> 208

acaccttttta	tgagcttgc	cagctnaatc	gngctgccac	accactgct	ggaacctgcc	60
gntttgctgt	tcggagccgt	actcntggtc	acnctgctac	tagaccccaa	gattatttgg	120
cggaat						127

<210> 209

<211> 240

<212> DNA

<213> Mus musculus

<400> 209

aagcctcccc	cagccctgaa	gcaggttgat	tcagacttga	cctcgctgcc	gctgagcatg	60
agaccacctg	gggtggagcc	ttccgacctc	gccggctcta	ttgttctgtc	acctgctgct	120
gctcgtctcc	aagacactgc	tacctgctga	aaggcccttg	agataatctg	gagacagcat	180
ccagccgatc	acctactggc	tgcggaaggg	caccaagaat	ggattgtttg	gggggggcgg	240

<210> 210

<211> 171

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(171)

<223> n = A,T,C or G

<400> 210

acggatggga	atcgggaccc	tttcccctgc	ttnatcttng	cagtgtggna	cnttgcatat	60
tgggctttga	tcatatcctt	cagtatgttc	tctgacctcc	acatgcgtcc	tgtaacatgg	120
gtgtatgcat	acacataaac	acacatccac	acgttggttaa	ataaataaaa	a	171

<210> 211

<211> 256

<212> DNA

<213> Mus musculus

<400> 211
 gatgctgcca ggctatgggt gtcccaggta ctgacaggac cacaccattg ctgtctttaa 60
 gaaacttgct gggggctggc gagatggctc agtgggtaag agcatcaact gcttttccga 120
 aggtcccagag ttcaaattccc agcaaccaca tgggtggctca caaccaccg taaagaaatc 180
 tgatgccttc ttctggaaga tctgaggaca gctacagtgt acttacatat aataaataaa 240
 tctttaaaaa aaaaaa 256

<210> 212
 <211> 102
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(102)
 <223> n = A,T,C or G

<400> 212
 atacagtaac acacgcatac tgcatttnag gagcacatgc atcgaccgca caggaaatac 60
 tcatatacat aaaagacaaa taaataaatc taaaaaaaaa aa 102

<210> 213
 <211> 372
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(372)
 <223> n = A,T,C or G

<400> 213
 gacaggagcc cagcatagcc atcatcagag aggcttcacc cagcaattga tggaaaagaga 60
 tgcagagacc cacagncaaa catgagacaa agcctgggaa agaggganaa natgaattgt 120
 angaaccaca ggggtcaaaa acaccaagaa aacctgcaga atcaaccaac ctgaccccat 180
 ancagctcac ggagactgaa ccaccaacca gggagcctgc aggggaaccga cctaggcctc 240
 tgcacatagg taacagttgt gcagcttgct cttgttaggt gtgggactcc tagcagaggg 300
 agcagaggct gnccttgact cctttggctg cctgtcaagt aaatacatta atnaaaactt 360
 gtttgaaaat tt 372

<210> 214
 <211> 326
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(326)
 <223> n = A,T,C or G

<400> 214
 ggtccttgcc agatgttaca tttaggaagc ctgtctccac atccctagga ctatcccact 60
 gtcactgect canaagcctg gtctccagag tcgactggtg tagtcccccc tccctcagcc 120
 tgaaacctgc ttgctcaggg gtggagcttc ccgctcaatc gttctgccac gccactgct 180
 ggaatctgcc gctttgctgt tcggagccgt gcacgaggtc acccagctat tggattccaa 240
 gattaattgg cgggaatcgg gccccctccc ctgcttcata actgctgctg gaacagtaaa 300

attgagcttt gatcagaaaa aaaaaa

326

<210> 215

<211> 235

<212> DNA

<213> Mus musculus

<400> 215

tttttttaca	taagaacact	gtagctgtct	tcagatgcac	cacgaagagg	gcgtcagatc	60
tcattacgga	tggttgtgag	tcaccatgtg	gttgctcgga	tttgaactca	ggaccttcgg	120
aagaacagtc	cgtgctctta	ccctctgagc	catctcacca	gccctgatct	ccattgtatg	180
tgcatgcaca	tgtaaataaa	cataataaaa	catcgtaagt	cttgaaaaaa	aaaaa	235

<210> 216

<211> 233

<212> DNA

<213> Mus musculus

<400> 216

ccccagccct	gaagcagggt	gattcagact	tgacctcgct	gccgctgagc	atgagaccac	60
ctggggtgga	gccttcgcac	ctagccggct	ctattgttct	gtcacctgct	gctgctcgtc	120
tccaagacac	tgctacctgc	tgaaaggccc	ttgagataat	ctggagacag	catccagccg	180
atcacctact	ggctggcgaa	gggcaccaag	aatggattgt	ttgggggggg	cgg	233

<210> 217

<211> 389

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(389)

<223> n = A,T,C or G

<400> 217

ttgaagtcct	tgtaaaagaa	gagaaacaac	actacaaaaa	agcagatggg	aaaagataat	60
acaaatgagg	taaggactgg	aaccaatgaa	acagaaatga	agagaagaaa	atatacaaag	120
aatcaaacaa	aattggttct	ttgaaaagat	taacaagatt	gacaagtctt	tagctgaaac	180
cttcccccaa	tatgaagcag	gctgagccag	accttgactt	tgctgccact	aagaagatca	240
cctaggggtg	agcctgcctc	cctagatcac	tctattgttc	agccactgtc	gctgctacct	300
gctgggagtc	tgcttagcta	ttccggagac	tacacctat	cctgcaagtg	atcacctgca	360
gctgggcttn	aaggatgaat	ttgcttgaa				389

<210> 218

<211> 326

<212> DNA

<213> Mus musculus

<400> 218

accttgtgac	cgagggaat	ccgtctggaa	tgtgaagatc	gctaccttcc	accaacccaa	60
gagctgagaa	ggttatcaga	cagtgccaga	gacagacagc	agagatgtcc	cacgcactcc	120
ggtcaagtct	gcttgacagg	ctgagaagtc	tgtaagcact	cacgaggaaa	agagtttcaa	180
ggaaactcac	ctcctggagc	tttgcggttc	tcattttacc	atatactcat	accctatccc	240
cgtgttagtc	tgggtgtatg	aactatgagc	tcttttttag	tattttatta	taaattgcctt	300
ttaagattaa	attctgatat	agttaa				326

<210> 219
 <211> 211
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(211)
 <223> n = A,T,C or G

<400> 219
 ggcactggtg gggaccggag agatgtctca gaggctaagc ctctcctgtc cttgntgagg 60
 acctgaattc agntgccagc agntcacaac cagctggaac tccagctccg ggggatctga 120
 caccctcttn tgcccttcta gaactaccat attcatgtgc acacactcat atacaaatca 180
 cttaaaatac aaataaacat tctactaaag g 211

<210> 220
 <211> 309
 <212> DNA
 <213> Mus musculus

<400> 220
 gttcctctct ttcagcccca gctgccatct cagttgaacc attcctctcg agctgctggt 60
 tggcccgcga caagtccagc ctattgtggg tgatgccacc cctgggttgg tggccctgga 120
 ttctataaga aagctggctg agaaagccat gggaagcaag ccagtaagca gcacccctcc 180
 atggcctctg tatcagctca tacctccagg ttccagcccc gattgaattc ctgtcctgac 240
 ttcctccaat gatggattat gatctggaaa tcctagccaa ataaacactt ttctccccaa 300
 aaaaaaaaa 309

<210> 221
 <211> 302
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(302)
 <223> n = A,T,C or G

<400> 221
 gggttccaga ctgccctttg ggattcaaac gggagccgct ttggactgac tggctgcctt 60
 cctcctcctc cccctcctcc cccttctgct tcagatttat ttattatatg taagtacact 120
 gtagcagttg taggacacac tagacgaggg caccagatct cattgtgggt ggttganaac 180
 canccaccat gtgggttgctg ggatntgaac tcaggatctt cagaaganca gncagggctn 240
 taaaccgctg agccntnnct ccancctcct gtattccttc ttaaggcatt gaatgatccc 300
 ag 302

<210> 222
 <211> 238
 <212> DNA
 <213> Mus musculus

<400> 222
 gtgttttgcc tgttgtgata tatgtacacg tatgtacacc atgtcatgag cctccatggt 60
 cgtgagagga ctttgatcc cttggaactg gcgttacatt ggtcgtgagc ctccatgttg 120
 gcgctgagaa gcaaacctgg gttctctgga agcgcagcaa gtgctcttaa ccacgagcc 180

atctctccat ctcaaaccac ccatgtatat aaaatgaaaa tacataaacc aaaaaaaa 238

<210> 223

<211> 370

<212> DNA

<213> Mus musculus

<400> 223

gaccctctgc	agagctccca	gaagccagcc	tgctaggatg	cctctgttgc	ctgggtttca	60
tgtttgactt	ggaacaggct	tctcaagact	ccatgaagca	gggagtttgt	ttatcatcat	120
catcatcatc	atcatcacca	tcactatcac	catcatcatc	atcatcatca	tcatcaccat	180
caccatcatc	accatcacca	tcaacatcat	catcaccatc	accatcacca	tcaccatcat	240
catcatcatc	atcaccaaca	tcattgtctc	aaccacaaaa	ttgcacatcg	acagtaagac	300
atggcccgca	gtgagcctac	aatgtttaca	agactctaaa	cattacagaa	tggcattttt	360
tttttttttt						370

<210> 224

<211> 229

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(229)

<223> n = A,T,C or G

<400> 224

tggcgattgc	tcgagtggat	tgnagtgcac	ctgctganga	tttgagnttg	tgctttgcta	60
agcggacttc	ctcnacnccc	gattggaatc	gccccaaaag	aactgnttgt	ataacgaggt	120
ccacaactct	gtttcctatc	tttcccatg	acctttgctg	ggtggtgggc	taaaagggag	180
gttgaagcgt	ttaagaaccc	ttattaaagt	agggttggaa	aaaaaaaa		229

<210> 225

<211> 531

<212> DNA

<213> Mus musculus

<400> 225

ggtctcacag	aggacacttt	ggtctcacac	tgcatttaca	aaactgacac	ctgcttcctg	60
gcctctgttc	cccaagtgtc	gggattccag	tgtgcaccac	cgcaccctac	tctttgcttt	120
gtttgaacag	caatcctgct	aagggcagat	taccaagtca	ccatgatccc	tatcaaaatt	180
cccatgccca	ggccagggac	atggcctagt	gcttgaaggc	actcacagcc	aagcctgatg	240
acccaagtga	cccagggacc	atgaggtgga	gggaaagaac	caagtctcaa	aagctggtcc	300
tccccatagg	gtcacaggg	actgaaccac	caaccaaaaga	gcacacaggg	cccctactca	360
tctgtagcag	atgtgcagct	tggctcttcat	gtgggtcctg	aacaactgga	gcagaggctg	420
tctctgattc	ttgcttgcca	ctgaagaaga	tgtgatgtag	aacgggtgat	caggatgtaa	480
agggaataaa	taaataaatt	aattaatgaa	aaacattttt	taaattaaaa	a	531

<210> 226

<211> 230

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(230)

<223> n = A,T,C or G

<400> 226

tccagactgc	cctttgggat	tcaaacggga	gccgctttgg	actgactggc	tgcccttcctc	60
ctcctccccc	tcctcccccct	tctgcttcag	atttatttat	tatatgtaag	tacactgtag	120
cagttgtagg	acacactaga	cgagggcacc	agatctcatt	gtgggtggtt	gtgaaccacc	180
caccatgtgg	ttgctgggat	nggnactcag	gatcttcaga	agagcagtca		230

<210> 227

<211> 188

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(188)

<223> n = A,T,C or G

<400> 227

aaacagtgtg	actccttgac	aacagtgtgc	ctcgntatgg	gtttatgaaa	ccagttaaca	60
gtcttcctcc	aagggtctctg	cttcagtccc	tggctccagg	aaatgccctg	cttgngtttc	120
tgctctgact	tcccccagtg	atggaatgnt	accatggaag	ataanataaa	tctttcccac	180
atcaaaaa						188

<210> 228

<211> 287

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(287)

<223> n = A,T,C or G

<400> 228

tctaggaaga	gtcgacncng	cnttgaactc	actggatacc	caaggatggc	actgaacttc	60
tcacaccttc	aattcccaag	tgttaagatt	tcaggatagg	gctggtgaga	tggtcagtg	120
ggtaagagcg	cccgaactgt	cttccgaagg	tctgaagttc	aaatccagc	aaccacatgg	180
tggctcacia	ccatctgtaa	caagatctga	cgccctcttc	tggagtgtct	gaagacagct	240
acagtgtact	tacatataat	aaataaataa	atcttttaaaa	aaaaaaa		287

<210> 229

<211> 375

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(375)

<223> n = A,T,C or G

<400> 229

agagaggggc	atcaaccan	ccacaanacc	ttcaaccnac	antgtggtct	gcctacnaga	60
tacacaggga	taaagatgga	ncagagattg	aggggactgg	gcaaccagtg	actgcctaac	120
tcgagacca	tcccatggga	gagagccaac	ccctgccact	attgacactc	ggctatgctt	180
gcagacagtg	tgactccttg	acaacagngt	gccttgctat	ggntntatga	aaccanttaa	240

cagtcttcct	ccaaggtctc	tgcttcagtc	cctgcctcca	ggaaatgcc	tgcttgtgtt	300
tctgctctga	cttccccag	tgatggaatg	ttaccatgga	agataaaata	aatctttccc	360
acatcaaaaa	aaaaa					375

<210> 230
 <211> 267
 <212> DNA
 <213> Mus musculus

<400> 230						
tttctctgtg	tagttctggc	tgctctagaa	ctcagagatc	cacctacctc	tgattcaaag	60
gactaggatt	aaatgcccgg	ttaaagaaga	tactccaggg	ctggagagat	ggctcagtgg	120
ttcagatcac	agactgctcg	tccagaggtc	ctgagttcaa	ttcccagcaa	ccacaagggtg	180
gctcacaaca	cctcttctgg	tgtgtctaaa	gacagcaaca	gtgtattcat	gtacattaaa	240
tgaataaata	aattgtaaaa	aaaaaaa				267

<210> 231
 <211> 239
 <212> DNA
 <213> Mus musculus

<400> 231						
agtgttttgc	ctgtgtgtat	atatgtacac	gtatgtacac	catgtcatga	gcctccatgg	60
tcgtgagagg	actttggatc	ccttggaact	ggcgttacat	tggtcgtgag	cctccatggt	120
ggcgctgaga	agcaaacctg	ggttctctgg	aagcgcagca	agtgtcttta	accatcgagc	180
catctctcca	tctcaaacca	cccatgtata	taaaatgaaa	atacataaac	caaaaaaaaa	239

<210> 232
 <211> 335
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(335)
 <223> n = A,T,C or G

<400> 232						
gcattaactg	tggtctggctt	acagtttcag	aggttttagtt	cgttattacc	atggttggtg	60
ctggagaagt	ggctganagg	tctacatctg	aatccacaag	catcaggaag	aaagagtgc	120
cgtgaacctg	gcttggattt	ttgatgcctc	aaaacccacc	ccccaatgac	acagtttctc	180
caacaaggcc	tccaatgaca	cctactgcaa	caaatagtgc	cattctctaa	acactcaaat	240
atatgagcct	atgggaccgt	tcttactcaa	ccccacata	tatgtatatg	cacctatggt	300
cccaaataata	atctcttcca	ctcataaaaa	aaaaa			335

<210> 233
 <211> 315
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(315)
 <223> n = A,T,C or G

<400> 233

ttgaaacagt	acgtgcagcc	tccccagnc	tgaagctggc	tgttgcaaac	cttgctgcta	60
ctgagaatga	gaccacctgg	ggtggagcct	tccgacctag	atggctccat	tgttctgtca	120
cttgccgctg	ctctcctcca	agacactgct	acctgctgag	aggcccctga	gatatccag	180
aggcacatcc	tatcctgcac	atcctcgcc	gcaggctggc	tccaggcacc	aagaatggat	240
tggcggggga	tgggctttcc	cctttttaag	cacagtctct	gagtaaaatc	tcgggccttg	300
atcagaaaaa	aaaaa					315

<210> 234
 <211> 362
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(362)
 <223> n = A,T,C or G

<400> 234	
gggttccaag	actgcccttt
gggattcaaa	cgggagccgc
tttggactga	ctggctgcct
tcctcctcct	ccccctctc
ccccttctgc	ttcagattta
tttattatat	gtaagtacac
tgtagcagtt	gtaggacaca
ctagacgagg	gcaccagatc
tcattgtggg	tggttgtgaa
ccaccacaca	tgtggttgct
gggatttgaa	ctcaggatct
tcagaagagc	agtcanggct
ntaaaccggn	gnnccatctc
tccagccctnc	tgcnttcctt
cntaaggcat	gaatgatccc
ancatnngaa	gacagncntg
cncntcntcc	ttttcagagc
catnttactt	tcaccatttt
cc	

<210> 235
 <211> 411
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(411)
 <223> n = A,T,C or G

<400> 235	
aactggtcac	ctactgtaac
cagacaggac	ttcctgtgaa
gagagagggg	catcaaccaca
cccacaaaac	cttcaaccaca
aaatgtgttc	tgcttacaag
atacacaggg	ataaagatgg
agcagagatt	gaggggacgg
ccaaccagtg	actgcctaac
tcgagaccca	tcccatggga
gagagccaac	ccctgccact
attgacactc	ggctatgctt
gcagacagtg	tgactccttg
acaacagtgt	gcctcgttat
ggttttatga	aaccagttaa
cagtcttctc	ccaaggtctc
tgcttcagtc	cctgcctcca
ggaaatgcc	tgcttgtgtt
tctgctctga	cttnccccan
tgaagggatg	gttacnttgg
aagataaaat	aaatctttcc
cacatcaaaa	a

<210> 236
 <211> 233
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(233)
 <223> n = A,T,C or G

<400> 236

aactggagac	ccatcccatg	gganagagcc	ancatnctgc	cnthtgacgc	tcgtatatgc	60
ttgaanacag	tatgactcct	tgacaacagt	gtgcctcgnt	atggttttat	gaaaccagtt	120
aacagtcttc	ctncaaggtc	tctgctttan	tcctgtctct	caggaaatgc	cctgcttgng	180
ttntngntct	gacttncccc	anngatggaa	tggtaccatg	gaagattaaa	ttt	233

<210> 237
 <211> 190
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(190)
 <223> n = A,T,C or G

<400> 237	
caagtcccag	gattcatgct gnaagtcaca accaggagta acttcagctc caggggaccc 60
aacatncttc	tgacctcttc agaaacctgc acacatnnga cggactctct ctctctctct 120
ctctctgtgt	gtgngngngt gactgtntgt ntgtctctct ctctctntgt gtntgtctct 180
ctctctctcc	

<210> 238
 <211> 309
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(309)
 <223> n = A,T,C or G

<400> 238	
gacgtgattc	cacagncagc gaccagnacc catnatchag gatcaggctg nanagatggc 60
tcagtactac	ancncacctg ctgntcttcc agaggacatg agttttattc ccnntgcnc 120
tatttggcag	ntcacagcta cccataactc caattctagg cgtccnatgc cctnttttag 180
ctccagcggt	cacccacacn atgttttacgc cacatattcn cngnataatt ttangatcct 240
tttttaaaan	ancctgacnt cttcccccaa anaatnaacg atgaaaanaa gagaacaatg 300
aaaaaaaaa	

<210> 239
 <211> 209
 <212> DNA
 <213> Mus musculus

<400> 239	
agataaaagaa	accgccgcca aggttgacat caagatagcc tggaactgat ggttgtaggc 60
tgtcacatgg	agaatcgaaa ttgaacctgg gtccctctgga agggcaacca atatccttaa 120
ctgctgagct	attctccag ccccttccac catcggttct cttggcagag aaaacaagag 180
aaaaaggaca	ctatggaaaa ataaagaaa

<210> 240
 <211> 400
 <212> DNA
 <213> Mus musculus

<400> 240

gaactggtcc	ctactgtaac	cagacaggac	ttcctgtgaa	gagagagggg	catcaaccca	60
cccacaaaac	cttcaaccca	aatgtgttc	tgctacaag	atacacaggg	ataaagatgg	120
agcagagatt	gaggggacgg	ccaaccagt	actgcctaac	tcgagaccca	tcccatggga	180
gagagccaac	ccctgccact	attgacactc	ggctatgctt	gcagacagt	tgactccttg	240
acaacagtgt	gcctcgttat	ggttttatga	aaccagttaa	cagtcttcct	ccaaggtctc	300
tgcttcagtc	cctgcctcca	ggaaatgcc	tgcttgtgtt	tctgctctga	cttccccccag	360
tgatggaatg	ttacatgga	agataaataa	atctttccac			400

<210> 241
 <211> 285
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(285)
 <223> n = A,T,C or G

<400> 241						
gggttcaga	ctgccctttg	ggattcaaac	gggagccgct	ttggactgac	tggtgcctt	60
cctcctctc	ccccctctcc	cccttctgct	tcagatttat	ttattatatg	taagtacact	120
gtagcagttg	taggacacac	tagacgaggg	caccagatct	cattgtgggt	ggttgngaac	180
caccacccat	gtgggtgntg	ggatttgaac	tcagganctt	cagaagagca	ggnaagggct	240
ctaaaccgat	gagccatctn	tccagcctcc	tgcatctcct	cttaa		285

<210> 242
 <211> 238
 <212> DNA
 <213> Mus musculus

<400> 242						
gtgttttgcc	tgtgtgtata	tatgtacacg	tatgtacacc	atgtcatgag	cctccatggg	60
cgtgagagga	ctttggatcc	cttggaactg	gcgttacatt	ggtcgtgagc	ctccatgttg	120
gcgtgagaa	gcaaaccctg	gttctctgga	agcgcagcaa	gtgctcttaa	ccatcgagcc	180
atctctccat	ctcaaaccac	ccatgtatat	aaaatgaaaa	tacataaacc	aaaaaaaa	238

<210> 243
 <211> 256
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(256)
 <223> n = A,T,C or G

<400> 243						
gatgctgcca	ggctatgggt	gtcccaggta	ctgacaggac	cncaccattg	ctgtctttta	60
gaaacttgct	gggggctggc	gagatggctc	agtgggttaag	agcatcaact	gcttttccga	120
aggtcccag	ttcaaattcc	agcaaccaca	tggtggctca	caaccaccgg	ttaaagaaatc	180
tgatgccttc	ttctggaaga	tctgaggaca	gctacagtgt	acttacatat	aataaataaa	240
tctttaaaaa	aaaaaa					256

<210> 244
 <211> 213
 <212> DNA

<213> Mus musculus

<400> 244

agggctggag	acccaactta	gggcttcacg	gggtgctggct	gagagctcta	ccactgagct	60
acactcacag	ccttctatgg	tgattcatag	aaagatttgt	tttctaccaa	attcatgtta	120
attacacata	tgtataaaac	acctttttgcc	ttcattttca	ttgaatgtgg	ggccccctgta	180
aaagacaata	aatactgtct	ctcttgaagt	caa			213

<210> 245

<211> 430

<212> DNA

<213> Mus musculus

<400> 245

gacgtgggga	taaaacccag	cgctcacac	attctggcta	aggattctac	ctctccagca	60
ctcctctgaa	caaatacatc	ctccaacgta	actgtggatg	gcgacctgga	cacttttttc	120
tccttggtta	gtcgtccctg	gtccagctga	cagaaccttg	gcagtctctt	tccacttcta	180
cttcagccc	ccttctccat	cagtcttgga	ttattgaata	attcaatagc	tccagaccca	240
gaagccatca	ctctgatcca	gctataccac	cactcaaaca	tttcccctag	agcttccctg	300
atgcagaatt	gtgaggagcg	gggtgtggcag	caatcccaag	atgggtgcctg	ggactgcagc	360
caagtcttat	gacttgcacc	tgacttcctc	atacacttga	aaataagccg	catccatcgt	420
gagaactgtg						430

<210> 246

<211> 379

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(379)

<223> n = A,T,C or G

<400> 246

aaccaacaac	caataaccag	tcaccagcaa	tctaacaatc	caccaaccga	gccatccagc	60
catccacca	cccagccatc	cagccatcca	gcaaaccagc	catccagcca	tncagnca	120
caccanccca	gccatccagc	catccagcaa	cccagccatc	cagccatcca	gcaacccagc	180
catccagcca	tccagcaata	gcaaaagcag	caaatgcagc	agcagggacc	aacagcaggg	240
ggagcagtag	ccccgcgcc	aggctctctg	ggagctcttg	aatttatacc	ctctcaagag	300
tcccagagat	tccaaatgca	aactatctgc	aggtggcaaa	aatcatagtt	agcagccctg	360
natcccacac	ctggagatt					379

<210> 247

<211> 176

<212> DNA

<213> Mus musculus

<400> 247

agactgccct	ttgggattca	aacgggagcc	gctttggact	gactggctgc	cttcctcctc	60
ctccccctcc	tcccccttct	gcttcagatt	tatttattat	atgtaagtac	actgtagcag	120
ttgtaggaca	cactagacga	gggcaccaga	tctcattgtg	ggtggttgtg	aaccac	176

<210> 248

<211> 254

<212> DNA

<213> Mus musculus

```

<220>
<221> misc_feature
<222> (1)...(254)
<223> n = A,T,C or G

<400> 248
cctttgggat tcaaacggga gccgctttgg actgactggc tgcttcctc ctcctcccc 60
tcctccccct tctgcttcag atttatttat tatatgtaag tacactgtag cagttgtagg 120
acacactaga cgagggcacc agatctcatt gtgggtgggn nctngncaaa ncttacgacc 180
atcanntccn ntctgtnttn tnannanccg gngtgccctt tgttaaataa atnatttcta 240
ttataaaaaa aaaa 254

```

```

<210> 249
<211> 253
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(253)
<223> n = A,T,C or G

<400> 249
cagactgccc tttgggattc aaacgggagc cgctttggac tgactggctg ccttcctcct 60
cctccccctc ctcccccttc tgcttcagat ttatttatta tatgtaagta cactgtagca 120
gttgtaggac acactagacg agggcaccag atctcattgt ggggtggtga anaaccagcc 180
ancttggtgt agatgaanan atcaagncan nantcncgna acaatattca tgtaggattt 240
atcatggaat cct 253

```

```

<210> 250
<211> 427
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(427)
<223> n = A,T,C or G

<400> 250
gaaagccagc agcccagcat accaacaacc aataaccagt caccagcaat ccaacaatcc 60
accaaccagc ccattccagcc atccaccaac ccagccatcc agccatncag caaaccagcc 120
atccagccat ccagccatnc accaaccagc ccattccagcc atccagcaac ccagccatcc 180
agccatccag caaccagcnc atccagccat ccagcaatag caaaagcngc aaatgcagca 240
gcagggacca acagcagggg gagcagtagc ccccgcccca ggctctcttg gagctcttga 300
atctatcccc tctcaagagt ccccgagaatt ccaaagcaa actatctgca ggtggcaaaa 360
atcatagtta gcagccctgt atccacacc tgagattaaa gcaaaaacat aatcacataa 420
aaaaaaaa 427

```

```

<210> 251
<211> 266
<212> DNA
<213> Mus musculus

```

```

<400> 251
ggggtctttc aatagaagaa ggaagctgct gttcttggcc tgctttccct caccttacca 60

```

gcatattcat	cacttccctg	gcaactggagc	ctagttcttt	gggatcccag	catggacaga	120
agaccagctg	agacatccag	ccttggtgga	ctgagcagct	actggattct	tagacattcc	180
actcacagcc	agctgttggt	gattagctcg	attgcagcct	gcaagtcatt	tcatttcaat	240
aaaaccata	tgtatacaaa	aaaaaa				266

<210> 252
 <211> 378
 <212> DNA
 <213> Mus musculus

<400> 252		
tgctggagca	atggagcagg tcttcctcta aagagccgca tctaattctca cgcagaaggc 60	
ctctttgagc	tcccagacac agtttcaacc aagccaaacc accgcctga gcaagccaga 120	
gacactcctg	tccccaaggg acccagctgg agctctcctc ccccttttc ctttcgccc 180	
ctgggttagat	tcagcccaag ggccacactc tgttctcagc tcttcctcga ctttgagcag 240	
catctgtggt	gtccaagagc tagaacctgc tgtccctggc ctttgtgtgg ccccggggat 300	
ccataagcca	gctccccagc agttccccgg ggacctcaga ctgtgcctcc ccacccacag 360	
tggggctcctg	cggcttct	378

<210> 253
 <211> 411
 <212> DNA
 <213> Mus musculus

<400> 253	
gactgggtccc	tactgtaacc agacaggact tcctgtgaag agagaggggc atcaaccac 60
ccacaaaacc	ttcaacccaa aatgtgttct gcctacaaga tacacaggga taaagatgga 120
gcagagattg	aggggacggc caaccagtga ctgcctaact cgagacccat cccatgggag 180
agagccaacc	cctgccacta ttgacactcg gctatgcttg cagacagtgt gactccttga 240
caacagtgtg	cctcgttatg gttttatgaa accagttaac agtcttcctc caaggctctt 300
gcttcagtc	ctgcctccag gaaatgccct gcttgtgttt ctgctctgac tccccccagt 360
gatggaatgt	taccatggaa gataaaataa atcttttcca cattaaaaaa a 411

<210> 254
 <211> 226
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(226)
 <223> n = A,T,C or G

<400> 254	
ctgaagcagg	ttgattcaga cttgacctcg ctgccgctga gcatgagacc acctgggggtg 60
gagccttccg	acctanccgg ctctattgtt ctgtnacctg ctgctgctcg tctccaagac 120
actgctacct	gctgaaaggc ccttgagata atctggagac agcatccagc cgatcaccta 180
ctggctggcg	aagggcacca agaattggatt gtttgggggg ggcgga 226

<210> 255
 <211> 238
 <212> DNA
 <213> Mus musculus

<400> 255	
gcctccccca	gccctgaagc aggttgattc agacttgacc tcgctgccgc tgagcatgag 60

```

accacctggg gtggagcctt ccgacctagc cggctctatt gttctgtcac ctgctgctgc 120
tcgtctccaa gacactgcta cctgctgaaa ggcccttgag ataactctgga gacagcatcc 180
agccgatcac ctactggctg gcgaagggca ccaagaatgg attgtttggg gggggcgg 238

```

```

<210> 256
<211> 384
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(384)
<223> n = A,T,C or G

```

```

<400> 256
gactgggtcac ctactgtaac cagacaggac ttccctgtgan gagagagggg catcaaccca 60
cccacaaaac cttcaaccca aaatgtgttc tgcctacaag atacacaggg ataaagatgg 120
agcagagatt gaggggacgg ccaaccagtg actgcctaac tcgagacca tcccatggga 180
gagagccaac ccctgccact attgacactc ggctatgctt gcagacagtg tgactccttg 240
acaacagtgt gcctcgttat ggttttatga aaccagttaa cagtcttcct ccaaggctctc 300
tgcttcagtc cctgcctcca ggaaatgcc tgcctgtgtt tctgctctga cttccccag 360
tgatggaatg ttaccatgga agat 384

```

```

<210> 257
<211> 216
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(216)
<223> n = A,T,C or G

```

```

<400> 257
actgcttaat tgctggacgn atcnggccta acnctggaaa ntaatgcac ttccagaaaa 60
gtgtttaaca tagacnngag ttgcctttaa tcctagcact tgggaggcag aggcatgg 120
atttctgaga tcgaggccag cctggtctac aaagtgaagt ccaggacagc cagggccaca 180
canagaaacc ctgtcttgga aaacaaacac aaacaa 216

```

```

<210> 258
<211> 279
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(279)
<223> n = A,T,C or G

```

```

<400> 258
atgaacactg cagtaaagca acacggagga ccaccagct ctgtgctcag aagaggatgc 60
agcatacgac nggacacttg gtatagaaat gattccggnc tggtgagatg gctcagtggg 120
tnagagcacc cgactgctct tccgaaggtc ttggagcacc anattccaat anncaantgg 180
aggatcncaa ccacccntan cnagatttgn caccctcttc tggagngtct gaaaacagnt 240
acagnggact tacatataat atataaataa atcttaata 279

```

<210> 259
 <211> 345
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(345)
 <223> n = A,T,C or G

<400> 259
 agctgggccc agctcataga gccgaggggg caactcagac aagctgaatt tccaagactc 60
 aagaganggg aatctgcaag atgactcaga ccagagcagc tgcctggaag aagcngaaac 120
 cagacgagct ggaagagata ggatcanccg nggcgcctgg gaagaagtgc ccgacctgct 180
 tcgttgccctg caggctgtgc agtgtgctcc tgagaactgt caccatgct gggggcgggccc 240
 ttcattgatgc agctgtcttt taaacatctc tgtaagtgtc nccctcacc cacattcctg 300
 taagtgactt caataaaacc cattgcttca tcaaaaataa aatat 345

<210> 260
 <211> 433
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(433)
 <223> n = A,T,C or G

<400> 260
 ggaaattacc atcaagtgc tggatgaacc tgagaagaga tttgaacttt ggacttttag 60
 cattgttgag actgctgtgg actatgggga gttttgaaat tgaactaaat gtatttctca 120
 ttatgctatg gctagggatg gccccacag actcatgtgt ttgaacaaac ctatggggggc 180
 cagtgagtac aatgtggtgg tttgaatatg cttggcccag ggagtggcac tgtgtgacct 240
 tgttggacga agtgtgtcac tgttggggtg ggcaaagaga gcttcctcct agctgcctgg 300
 ggatgccagt ctcttctggn tgccttcaaa tcaagatgca gaactcttan cttctttttc 360
 aggnntaang nntgcctggc actgccatgc tttgcttctc gctngatga taatggactg 420
 aacctctgaa act 433

<210> 261
 <211> 320
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(320)
 <223> n = A,T,C or G

<400> 261
 gactccccc gccctgaanc aggttgattc agacttgacc tcgctgccgc tgagcatgag 60
 accacctggg gtggagcctt ccgacctagc cggctctatt gttctgtcac ctgctgctgc 120
 tcgtctccaa gacactgcta cctgctgaaa ggccttgag ataactctga gacagcatcc 180
 agccgatcac ctactggctg gcgaaggcca ccaagaatgg attgtttggg gggggcgggg 240
 gaggaatggt gggatgggga tggncggccc ctctttataa gtacagactc ttantaaact 300
 ttggggcctt gaacagaaaa 320

<210> 262
 <211> 321
 <212> DNA
 <213> Mus musculus

<400> 262
 aggctccccc agccctgaag caggttgatt cagacttgac ctgctgccc ctgagcatga 60
 gaccacctgg ggtggagcct tccgacctag cggctctat tgttctgtca cctgctgctg 120
 ctgctctcca agacactgct acctgctgaa aggcccttga gataatctgg agacagcatc 180
 cagccgatca cctactggct ggcgaagggc accaagaatg gattgtttgg ggggggcggg 240
 ggaggaatgg tgggatgggg atgggcggcc cctctttata agtacagact cttagtaaac 300
 tttggggcct tgaacagaaa a 321

<210> 263
 <211> 410
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(410)
 <223> n = A,T,C or G

<400> 263
 gacaggagcc tagcatgact gtcctctggg aggctccacc cancaggcca atggaaagag 60
 atacangaga ttcacatgcc aaacagttga tggagctcaa ggagtggaag aaagggtggg 120
 gaccttaaga agacagagac tccacagaaa gtccaacaga gtcaactaac ctaaatagcct 180
 ggggctgcc aaaaactgaac catcaactaa agagttagca ctggctggac ataggccccc 240
 ctacagtatg tatggatgag cagcttggtc ttcattgcagg agcctggggc tgagcctgct 300
 gcctgcctgc ctgtgaatac tgcactccaa aatagacagc cttgtctggc ctcagtggga 360
 gaggatgtgt ctagtccctt aggaacttga tgtgttgggt gggaagggtg 410

<210> 264
 <211> 317
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(317)
 <223> n = A,T,C or G

<400> 264
 gcctccccc gccctnaagc aggttgattc agacttgacc tcgctgccc tgagcatgag 60
 accacctggg gtggagcctt cccgacctag cggctctatt gttctgtcac ctgctgctgc 120
 tcgtctccaa gacactgcta cctgctgaaa ggcccttgag ataactctga gacagcatcc 180
 agccgatcac ctactggctg gcgaagggca ccaagaatgg attgtttggg gggggcgggg 240
 gaggaatggt gggatgggga tgggcggccc ctctttataa gtacagactc ttagnaaact 300
 ttggggcctt gaacaga 317

<210> 265
 <211> 182
 <212> DNA
 <213> Mus musculus

<220>

```

<221> misc_feature
<222> (1)...(182)
<223> n = A,T,C or G

<400> 265
ccttcataga gagagagaga gagnacagaga gagagagagn gagagagaga gagagagana      60
aanaccctna nncnagctga ctggaaggca gactacnact ntcagccttc atactgnaca      120
tgnncaactc tgnntcatgn ctggaccatg cctgcctgga tgctgccatg agccaccttg      180
ag                                                                                   182

<210> 266
<211> 246
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(246)
<223> n = A,T,C or G

<400> 266
gattcaaacg ggagccnctt tggactgact ggctgccttc ctctcctcc cctcctccc      60
ccttctgctt cagatttatt tattatatgt aagtacactg tagcagtngt aggacacact      120
agacgagggc accagatctc attgtgggtg gttgcattnt acacctcaa actncaacnn      180
tcctatctgn cttttcanga gccaatgtgc ctttttttaa ataaataatt actattaaaa      240
aaaaaa                                                                                   246

<210> 267
<211> 139
<212> DNA
<213> Mus musculus

<400> 267
gtcagcatg gaagctccca gctaccgctc cagtgcgatg cctgtctgcc cactgtcatg      60
ctccacgcca cgatggccat ggactctaata gctctgtgac tgtgaacccc aataaaactcg      120
ttcttttata aaaaaaaaaa                                                                 139

<210> 268
<211> 210
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(210)
<223> n = A,T,C or G

<400> 268
gcctgaaacc tgcttgctca ngggtggagc ttctcgctca atctttttgc cagccctact      60
gctggaacct gaggctttgt tgttctgaag ccatcacgtg atcacctgc tactggactc      120
caagattact tggcgaattg ggccctccc ccttccttta taactgagtg ccgaaatagt      180
aatattgaa ccttgccgag aaaaaaaaaa                                                                 210

<210> 269
<211> 264
<212> DNA

```

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(264)

<223> n = A,T,C or G

<400> 269

cagcctgcac	cttttcccca	cctcagtgc	ctacaagggt	gcaattccct	cagagggccag	60
aagagggcac	tggagcccct	ggaacggtga	gccatcctgt	agggtgggaag	aattgaacct	120
gagtcttctg	gaagaacaag	cagngctctt	aactgctgac	ccatgtctct	ctccagcacc	180
cttttctttt	gttttagngt	ccttgcatgc	cacagatact	caaagattna	tgaataaaat	240
aacatgatat	ctaagaaaaa	aaaa				264

<210> 270

<211> 302

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(302)

<223> n = A,T,C or G

<400> 270

atggaagcaa	cagatngagg	ggacangccn	accagtgnen	gcctaactng	agacccatcc	60
catgggagag	agccaacccc	tgccactatt	gacactcggc	tatgcttgca	gacagtgtga	120
ctccttgaca	acagtgtgcc	tcgttatggt	tttatgaaac	cagttaacag	tcttcctcca	180
aggctctctg	ttcagtcctt	gcctccagga	aatgccctgc	ttgtgtttct	gctctgactt	240
cccccagtga	tggaatgtta	ccatggaaga	taaaataaat	ctttcccaca	tcaaaaaaaaa	300
aa						302

<210> 271

<211> 360

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(360)

<223> n = A,T,C or G

<400> 271

gggttccaag	actgcccttt	gggattcaaa	cgggagccgc	tttggactga	ctggctgcct	60
tctctctcct	ccccctctc	ccccttctgc	ttcagattta	tttattatat	gtaagtacac	120
tgtagcagtt	gtaggacaca	ctagacgagg	gcaccagatc	tcattgtggg	tggttngaa	180
ccaccacca	tgtggttgct	gggatttgaa	ctcaggatct	tcagaagagc	agtcagggct	240
ctaaaccgct	gagccatctc	tccagcctcc	tgcattccct	cttaaggcat	gaatgatccc	300
agcataggaa	gacagtctgc	cctccctcct	ttncgagcca	ttttcccttt	caccatatac	360

<210> 272

<211> 201

<212> DNA

<213> Mus musculus

<400> 272

ggggaccgga	gagatgtctc	agaggctaag	cctctcctgt	ccttggtgag	gacctgaatt	60
cagttgccag	cagctcacag	ccagctggaa	ctccagctcc	gggggatctg	acaccctctt	120
ctgcccttct	agaactacca	tattcatgtg	cacacactca	tatacaaadc	acttaaaaata	180
caaataaaca	ttctactaaa	g				201

<210> 273
 <211> 311
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(311)
 <223> n = A,T,C or G

<400> 273						
ccagtcctga	agcaggttga	ttcagacttg	acctcgctgc	cgctgagcat	gagaccacct	60
gggnggganc	cttcenacct	agccggtctt	attgttntgt	nacctgctgc	tgctcgtctc	120
caagacactg	ctacctgctg	aaaggccctt	gagataatct	ggagacagca	tccagccgat	180
cacctactgg	ctggcgaagg	gcaccaagaa	tggattgttt	ggggggggcg	ggggaggaat	240
ggtgggatgg	ggatgggchg	cccctcttta	taagtacaga	ctcttagtaa	actttggggc	300
cttgaacaga	a					311

<210> 274
 <211> 151
 <212> DNA
 <213> Mus musculus

<400> 274						
gccaggcatg	ggtggtacat	gcctttaatc	tccgcacttg	ggaggcagag	acagatggat	60
ctctgtgagt	tcaaggccag	cctcgtctac	agagagagtt	ccaagacagc	tagggataca	120
gagaaaaacc	cagtcttgaa	aaaaaaaaatc	a			151

<210> 275
 <211> 263
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(263)
 <223> n = A,T,C or G

<400> 275						
gcatgcacca	tgccactata	cctggtcagn	ggcngncatt	atatgagtct	gggtgctggg	60
taacantaaa	gcaagatgct	ttcagnncgt	aaaaanccct	anattggncn	ggcngaggan	120
angcacgcn	tttnaacntn	aacactccgg	aggcnaaggc	aggcaaattt	ctgagttcna	180
ggccagcctg	gtctacaaag	tgagtcccag	gacagccagg	gctatacaga	gaaaccctgt	240
ctcaaaaaaac	ccaaaaaaa	aaa				263

<210> 276
 <211> 208
 <212> DNA
 <213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(208)
 <223> n = A,T,C or G

<400> 276
 ggtactggag agaggantgg ctcagtgatt aagaagattc tntgctcttc cagagggctg 60
 gttcaattnt cagcacccaa atgggtggctt tccatcaccc gtggcttcag ttccagatct 120
 gatgcattct ggcctccttg ggcatnaggc atgcgcattg catacacata tacacacagg 180
 caaaacacat aataataaac attcactt 208

<210> 277
 <211> 241
 <212> DNA
 <213> Mus musculus

<400> 277
 tatataaaca gtaagaactg ctgaggagaa cagactagcc tgctgcctgg aagagactca 60
 gacctgcctg aaggagagat tctctgtcct gttgagctct ccacaagtag tgtaatgaac 120
 tccagggttc ctgctcttgg tgatgtagct atatttgagt tgacctgcc cctgcccttg 180
 cccttttact tatattcttg tgaataactc taataaactc attggattac caaaaaaaaa 240
 a 241

<210> 278
 <211> 443
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(443)
 <223> n = A,T,C or G

<400> 278
 ctgcttcaga cattccagaa aaccgcatca gatttcatta cggatccac catgtgggtg 60
 ctgggatttg aactcaggac ctttgaaga gcagtcggtg ctcttaaccg ctgagccatc 120
 tcaccagccc gctttagttt ttcaagacag ggtttctctg tgtagtctg gctgtcctgg 180
 aactctgtag accaggctgg tctccaactc tgagatctac ctgccctgcc tcttaaatgc 240
 taagactaac agcatgtgcc accactgctg ggctcttagc attcattttt gtgtgaaaat 300
 aaaaatgggt aaaaagctgg anaaangcnt nnnannntan ggactgggga tgctgagaaa 360
 ggatcttttg ggcctaggaa ttgtttgaag tccagtctgg acaacaaaag aaagattctg 420
 tctcaaagat aaataaaaat aaa 443

<210> 279
 <211> 251
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(251)
 <223> n = A,T,C or G

<400> 279
 ggtggggtct ttcaaccgaa ctggactgct ggtgnatcca tgaggngttc tcgagngnat 60
 ccagcntgcc attgctgct gagctgtgac ctgaactgct gattncaga caacacagat 120
 gggagtgtgct ccaaagaacc tttntaaaca ggtccacttc ccctgtatcc tatctttccc 180

actacctctg gtgggtggta ggctaggang gaggttaaatt tgcttatgaa tcancattag 240
 taaatactat t 251

<210> 280
 <211> 627
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(627)
 <223> n = A,T,C or G

<400> 280
 gcagcctggg ctatcaggag aatttgangt ttctcagcgg ataaagcaga ccagaccctg 60
 ggatgaaggg cctgtttccc caagccttcc ttccgtgtca ccataatttt cctgtctttc 120
 tatttgctctc agtcctgctg atcatcagac tgaagtgaga acttccaatt tctttggaaa 180
 gccagttatg tcaaatgatg ttttgctggg acacacaagg gacaggctgt tttgctgaag 240
 cagacacagg tgaacaatat tttgctaaag cacacatgtg aaaggataca ggatgaaggc 300
 ttataaatat gacccaacaa acaatgggag ctcgagcgct gctttgcttt gctccacctc 360
 tctattcttc gctgacaaca catgtgttcg tcttacgttg cgtggctgag ttccacttgt 420
 ggtgatgcca tagaggaaaa cgtatcaaag aacttctcac gaagttcctg caggttcttg 480
 ctgcttctac agaccctggc tgggtgtgag ccttgggggt tcttctggat taaactgcct 540
 ttgttggttt gngtgtggtg cctgccaaag ggactgggac tgcagctact gattgaattt 600
 aagggtttgc tactgaactg aactgct 627

<210> 281
 <211> 317
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(317)
 <223> n = A,T,C or G

<400> 281
 cagccctgaa gcaggttgat tcangacttg acctcgctgc cgctgancat ganaccacct 60
 ggggtggagc cttccgacct agccggctct attgttctgt cacctgctgc tgctcgctctc 120
 caagacactg ctacctgctg aaaggccctt gagataatct ggagacagca tccagccgat 180
 cactactggt ctggcgaang gcaccaagaa tggattgttt ggggggggcg gnggaggaat 240
 ggtgggatgg ngatgggcgg cccctcttta taagtacaga ctcttagtaa actttggggc 300
 cttgaacaga aaaaaaa 317

<210> 282
 <211> 127
 <212> DNA
 <213> Mus musculus

<400> 282
 gttaaatgaa atttgacaac aacaagatga atagcagccg cagccgcgtc aggatccaag 60
 gccaatacac tgggacatca cctgtacaga accaaaacaa acaagcaaat aaacaaacaa 120
 acaaaaa 127

<210> 283
 <211> 328

<212> DNA
<213> Mus musculus

<400> 283
gaatttgcag ttctgacaag attcatccgc agggacacac gaaatgatct acagttccag 60
ctacctgcct cccaaaacag catgaagaac agctgttgat tcccaatgaa ttcagttcat 120
ccagcctttc agatggatcc agtaaggact tcagtcaagt cctgagcctt ctaagcatac 180
agagactgga taacaaatgc taaagctagc tttcttaagt ctaaccaatt tttctaattt 240
tcttactcct cccacttta aaaaatttta gcattggaaa tgtaattgag gaaaatacgt 300
aataaaaaat tatcttcaaa aaaaaaaa 328

<210> 284
<211> 263
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(263)
<223> n = A,T,C or G

<400> 284
tggatgatag gtccacagta nacgctgatn actccagctc caggnggatt tgacgattac 60
tgcacntgtg ntgataggnc cgnanctata atntnganac agcatccanc cgaacaccta 120
ctggctggcg aagggcacca agaattggatt gtttggggng ggagagggag gaatnttnct 180
angttcaagg ccagcctggt ctacagagtg agttccagga cagccagggc tacacaaaga 240
aaccctgtct caaaaaacca aaa 263

<210> 285
<211> 195
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(195)
<223> n = A,T,C or G

<400> 285
gggttcaga ctgccctttg ggattcaaac gggagccgct ttggactgac tggctgcctt 60
cctcctctc cccctcctcc cccttctgct tcagatttat ttattatatg taagtacact 120
gtagcagttg taggacacac tagacgaggg caccagatct cattgtgggt ggttgtganc 180
caccacccat gtgga 195

<210> 286
<211> 259
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(259)
<223> n = A,T,C or G

<400> 286
cccagccct gaagcaggtt gattcagact tgacctcgct gccgctgagc atgagaccac 60

ctgggggtgga	gccttcgcgac	ctagccgggt	ctattgttct	gtcacctgct	gctgctcgtc	120
tccaagacac	tgctacctgc	tgaaaggccc	ttgagataat	ctggagacag	catccagccg	180
atcacctact	ggctggccga	aaggcaccna	aaaaggantg	gttggggggg	gcgggggagg	240
aatggtggga	tggggatgg					259

<210> 287
 <211> 127
 <212> DNA
 <213> Mus musculus

<400> 287						
gacccttggg	gctaccactt	ctgagcatct	ggatgtctct	gcagtgttgg	ggtactacta	60
cggtgtgtctg	aagacagcta	cagtgtactc	atatcaaata	tataaatatt	taggggaaaa	120
aaaaaaaa						127

<210> 288
 <211> 307
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(307)
 <223> n = A,T,C or G

<400> 288						
tcctctcttt	cagcccgagc	tgccatctca	gttgaaccat	tcctctcgag	ctgctgggtg	60
gcccgaaca	agtcacgct	attgtgggtg	atgccacccc	tgggttgggtg	gccctggatt	120
ctataagaaa	gctggctgag	aaagccatgg	gaagcaagcc	agtaagcagc	acccctccat	180
ggcctntgta	tcagctcata	cctccagggt	ccagccccga	ttgaattcct	gtcctgactt	240
cctccaatga	tggattatga	tctggaaatc	ctagccaaat	aaacactttt	ctccccaaaa	300
aaaaaaaa						307

<210> 289
 <211> 209
 <212> DNA
 <213> Mus musculus

<400> 289						
agataaagaa	accgccgcca	aggttgacat	caagatagcc	tggaactgat	ggttgtgagc	60
tgtcacatgg	agaatcgaaa	ttgaacctgg	gtcctctgga	agggcaacca	atataccttaa	120
ctgctgagct	attctccag	ccccttcac	catcggttct	cttggcagag	aaaacaagag	180
aaaaaggaca	ctatggaaaa	ataaagaaa				209

<210> 290
 <211> 319
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(319)
 <223> n = A,T,C or G

<400> 290						
agcctcccc	agccctgaag	caggttgatt	cagacttgac	ctcgctgccg	ctgagcatga	60

gaccacctgg	ggtggagcct	tccgacctag	ccggtcttat	tgttctgtca	cctgctgctg	120
ctcgtctcca	agacactgct	acctgctgaa	aggcccttga	gataatctgg	agacagcatc	180
cagccgatca	cctactggct	ggcgaagggc	accaagaatg	gattgtttgg	ggggggcggn	240
ggaggaatgg	tgggatgggg	atgggcggcc	cctctttata	agtacagact	cttagtaaac	300
tttggggcct	tgaacagaa					319

<210> 291
 <211> 111
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(111)
 <223> n = A,T,C or G

<400> 291						
tcttctggta	tacagaaaca	cacgcatact	gcatntgtgg	agcacatgca	tngaccgcac	60
aggaaatact	catatacata	aaagacaaat	aaataaatct	aaaaaaaaaa	a	111

<210> 292
 <211> 415
 <212> DNA
 <213> Mus musculus

<400> 292						
gactgggtcac	ctactgtaac	cagacaggac	ttcctgtgaa	gagagagggg	catcaaccca	60
cccacaaaac	cttcaaccca	aatgtgttgc	tgctacaag	atacacaggg	ataaagatgg	120
agcagagatt	gaggggacgg	ccaaccagtg	actgcctaac	tcgagaccca	tcccatggga	180
gagagccaac	ccttgccact	attgacactc	ggctatgctt	gcagacagtg	tgactccttg	240
acaacagtgt	gcctcgttat	ggttttatga	aaccagttaa	cagtcttcct	ccaaggtctc	300
tgcttcagtc	cctgcctcca	ggaaatgcc	tgcttgtgtt	tctgctctga	cttccccag	360
tgatggaatg	ttaccatgga	agataaaata	aatctttccc	acatcaaaaa	aaaaa	415

<210> 293
 <211> 313
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(313)
 <223> n = A,T,C or G

<400> 293						
gttccaagac	tgccctttgg	gattcaaacg	ggagccgctt	tggtactgact	ggctgccttc	60
ctcctcctcc	ccctcctccc	ccttctgctt	cagatttatt	tattatatgt	aagtacactg	120
tagcagttgt	aggacacact	agacgagggc	accagatctc	attgtgggtg	gttgtgaacc	180
accaccatg	tggttgctgg	gatttgaact	caggatcttc	agaagagcag	ncagggctct	240
aaaccgctga	gccatctctc	cagcctcctg	cattccttct	taaggcatga	atgatcccag	300
cataggaaga	cag					313

<210> 294
 <211> 318
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(318)
 <223> n = A,T,C or G

 <400> 294
 agcctccccc agccctgaag cagggttgatt cagacttgac ctgctgccc ctgagcatga 60
 gaccacctgg ggtggagcct tccgacctag ccggtcttat tgttctgtca cctgctgctg 120
 ctgcttccca agacactgct acctgctgaa aggcccttga gataatctgg agacagcatc 180
 cagccgatca cctactggct ggcgaggggc accaagaatg gattgtttgg ggggggcggg 240
 ggaggaatgg tgggatgggg atgggcggcc cctctttata agtacagact cttagtaaac 300
 tttggggcct tgaacaga 318

<210> 295
 <211> 388
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(388)
 <223> n = A,T,C or G

 <400> 295
 caccagcaat ccaacaatcc accaaccag ccattccagcc atccaccaac ccagccatcc 60
 agccatccag caaaccagcc atccagccat ccagccatcc accaaccag ccattccagcc 120
 atccagcaac ccagccatcc agccatccag caaaccagcc atccagccat ccagcaatag 180
 caaaagcagc aaatgcagca gcagggacca acagcagggg gagcagtagc ccccgcccca 240
 ggctctctgg gagctcttga atttataccc tctcaagagt ccccgagaatt ccaaagcaa 300
 actatntgga gnggggaaaa aatattagtt agcagccctg tatccacac ctgagattaa 360
 agcaaaaaca taatcacata aaaaaaaaa 388

<210> 296
 <211> 362
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(362)
 <223> n = A,T,C or G

 <400> 296
 ttccagactg ccctttggga ttcaaacggg agccgctttg gactgactgg ctgccttctt 60
 cctcctcccc ctctcctccc ttctgcttca gatttatatta ttatatgtaa gtacactgta 120
 gcagttgtag gacacactag acgagggcac cagatctcat tgtgggnggg ttgtgaacca 180
 cccaccatgt ggttgctggg atttgaactc aggatcttca gaagagcagt cagggctcta 240
 aaccgctgag ccattctctc agcctcctgc attccttctt aaggcatgaa tgatcccagc 300
 ataggaagac agnctgccct ccctcctttt cgagccattt tccctttacc atataactcaa 360
 ta 362

<210> 297
 <211> 221
 <212> DNA
 <213> Mus musculus

<400> 297
tatatgtaca ccgtatgtac accatgtcat gagcctccat ggtcgtgaga ggactttgga 60
tcccttgga ctggcggttac attggtcgtg agcctccatg ttggcgctga gaagcaaacc 120
tgggttctct ggaagcgcag caagtgtct taaccatcga gccatctctc catctcaaac 180
cacccatgta tataaaatga aaatacataa accaaaaaaa a 221

<210> 298
<211> 445
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(445)
<223> n = A,T,C or G

<400> 298
cgtaggcaat gtgggagctg gaaagaagta naattggaac ctacngtanc nntataggac 60
ttactngaa ganagagggg catagcccac ccacaaaacc ttcancccaa aatgtgttct 120
gcctacaaga tacacagga tatnngatgg agcagagatt gaggggacgg ncaaccagng 180
actgcctaac tcgagaccca tcccatggga gagagccaac ccctgccact attgacactc 240
ggctatgctt gcagacagtg tgactccttg acaacagtgt gcctcgttat ggttttatga 300
aaccagttaa cagtcttcct ccaagggtctc tgcttcagtc cctgcctcca ggaaatgcc 360
tgcttggtgt tctgctctga cttccccag tgatggaatg ttaccatgga agataaaata 420
aatctttccc acatcaaaaa aaaaa 445

<210> 299
<211> 412
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(412)
<223> n = A,T,C or G

<400> 299
gactggacct actgaacnag acaggacttc ctgtgaagag agaggggcat aaaccacccc 60
acaaaacctt caacccaaaa tgtgttctgc ctacaagata cacaggata aagatggagc 120
agagattgag gggacggcca accagtact gcctaactcg agaccatcc catgggagag 180
agccaacccc tgccactatt gacactcggc tatgcttgca gacagtgtga ctcttgaca 240
acagtgtgcc tcgttatggt tttatgaaac cagttaacag tcttctcca aggtctctgc 300
ttcagtcctt gcctccagga aatgccctgc ttgtgtttct gctctgactt cccccagtga 360
tggaatgtta ccatggaaga taaaataaat ctttccaca tcaaaaaaa aa 412

<210> 300
<211> 230
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(230)
<223> n = A,T,C or G

<400> 300

tatccccgggc	taatttttaga	agaagaagaa	gaagaagaag	aagaagaaga	agangaagaa	60
gaagaagaan	acgangaaga	ggacgnncan	gangncgnag	anggaacnag	agctaccatg	120
caggcgggcg	gacctggact	cnggacctcc	aaaacagcag	ccaatgctcc	caaccactga	180
gccatccctc	cagccccccc	ttttttttta	aataaaggga	ttttaactaa		230

<210> 301
 <211> 303
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(303)
 <223> n = A,T,C or G

ttccaagact	gcccttttggg	attcaaacgg	gagccgcttt	ggactgactg	gctgccttcc	60
tcctcctccc	cctcctcccc	cttctgcttc	agattttattt	attatatgta	agtacactgt	120
agcagttgta	ggacacacta	gacgagggca	ccagatctca	ttgtnggngg	ttgtgaacca	180
cccaccatgt	ggttgctggg	atttgaactc	aggatcttca	gaagagcagn	cagggctcta	240
aaccgctgag	ccatctctcc	agcctcctgc	attccttctt	aaggcatgaa	tgatcccagc	300
ata						303

<210> 302
 <211> 179
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(179)
 <223> n = A,T,C or G

ggggcctgtg	gggagaagag	aaggttttcac	catgtatccc	tccttggtg	ggctggaact	60
cactatgtag	accagaccag	actccagctc	attctgcctc	tacttcccaa	atgctgatat	120
taaaggcatg	tgccgtcact	ccccgcaaaa	aacttttcta	ttttaattga	ggtatattt	179

<210> 303
 <211> 316
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(316)
 <223> n = A,T,C or G

agatacctgt	agcctccctc	atccctgaag	caggctgata	cagactttga	ccttgctgcc	60
accgagaagg	aaattaccta	aggtggagct	ttccaacctc	gatggctctt	ttgttctgcc	120
acctgccact	gctctctcca	agacactgct	acccgctgag	aagccctga	gatattccgg	180
aggagcatcc	tattctgccc	atgcctaca	ggctggttcc	agacaccaag	aatgggctgg	240
cggggggggg	gatgggcctt	ccccttttat	aagtanactc	tnntagtaaa	ctggnngggc	300
ttgaacagaa	aaaaaa					316

<210> 304
 <211> 297
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(297)
 <223> n = A,T,C or G

<400> 304
 gaagaaaact gcagggactg tcgagcantt tagggatcct gaagaaaata gccacttcct 60
 ccactccaag ccgcttctct ccagittgag aggagagtta caagactcaa ggaaggcagt 120
 ttactacagt gaacacacaa gatgacagat cgccagtgtg gtagcacata ccttaaatcc 180
 cagccctcag aagacagagg caggcagctc tctgagttcg aggccagtct ggcctacgta 240
 gtgagttcca gagagccaga gctacatagt gagaccctgt cttaaaaaat taaatta 297

<210> 305
 <211> 413
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(413)
 <223> n = A,T,C or G

<400> 305
 actggtccct actgtaaccc gacaggactt nctgtgatga gagaggggca tnaaccacc 60
 cacaaaacct tcaacccaaa atgtgttctg cctacaagat acacagggat aaagatggag 120
 cagagattga ggggacggcc aaccagnac tgcctaactc gagaccatn ccatgggaga 180
 gagccaaccc ctgccactat tgacactcgg ctatgcttgc agacagtgtg actccttgac 240
 aacagtgtgc ctcgttatgg ttttatgaaa ccagttaaca gtcttcctcc aagggtctctg 300
 cttcagtcct tgcctccagg aaatgccctg cttgtgtttc tgctctgact tcccccagtg 360
 atggaatgtt accatggaag ataaaaataa tctttccccc atcaaaaaaa aaa 413

<210> 306
 <211> 191
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(191)
 <223> n = A,T,C or G

<400> 306
 ttccagactg ccctttggga ttcaaacggg agccgctttg gactgactgg ctgccttcct 60
 cctcctcccc ctccctcccc ttctgcttca gatttattta ttatatgtaa gtacactgta 120
 gcagttgtag gacacactag acgagggcac cagatctcat tgtgggtggt tgngnaccac 180
 ccaccatgtg g 191

<210> 307
 <211> 209
 <212> DNA
 <213> Mus musculus

<400> 307
aagacaagaa accgccgcca aggttgacat caagatagcc tggaaactgat ggttgtgagc 60
tgtcacatgg agaatcgaaa ttgaacctgg gtcctctgga agggcaacca atatccttaa 120
ctgctgagct atttctccag ccccttccac catcggttct cttggcagag aaaacaagag 180
aaaaaggaca ctatggaaaa ataaagaaa 209

<210> 308
<211> 153
<212> DNA
<213> Mus musculus

<400> 308
gccaggcatg ggtggtacat gcctttaatc tccgcacttg ggaggcacga gacacgatgg 60
atctctgtga gttcaaggcc agcctcgtct acagagagag ttccaagaca gctagggata 120
cagagaaaaa cccagtcttg aaaaaaaaaa tca 153

<210> 309
<211> 168
<212> DNA
<213> Mus musculus

<400> 309
ggtcagctgc ctttggattc aacgggagcc gctttggact gactggctgc cttcctcctc 60
ctccccctcc tcccccttct gcttcagatt tatttattat atgtaagtac actgtagcag 120
ttgtaggaca cactagacga gggcacacag atctcattgt gggtggtt 168

<210> 310
<211> 338
<212> DNA
<213> Mus musculus

<400> 310
gaaggttaga gtccatgatg gtaaagcaag ggaacagctg agtghtaacct cccccagcct 60
gaagctggcc gagccagacc tcgactttgc tgccactaag gagattacct aagatggagc 120
ctccctagat cactctattg ttcagccact gttgctgttc ttcttcaaga tactgctacc 180
tgctggaagg ctgccgaact attccagaga ccacacccta tcctgcatgt ggtcacctgc 240
agctgggctc caaggatgaa ttggctggaa tgggcctccc tctcctttat aagcgcattc 300
gccattaaac atttgagcct tgaacggaaa aaaaaaaaa 338

<210> 311
<211> 240
<212> DNA
<213> Mus musculus

<400> 311
gagctttgcc tgtgtgtata tatagtacac tgtatgtaca ccatgtcatg agcctccatg 60
gtcgtgagag gactttggat cccttggaac tggcggttaca ttggctcgtga gcctccatgt 120
tggcgctgag aagcaaacct gggttctctg gaagcgcagc aagtgtctct aaccatcgag 180
ccatctctcc atctcaaacc acccatgtat ataaaatgaa aatacataaa ccaaaaaaaaa 240

<210> 312
<211> 284
<212> DNA
<213> Mus musculus

<400> 312

ggtgtctcgg	aacaagggtt	ctctgtgtag	ttctggctgt	cctagaactc	agagatccac	60
ctacctctga	ttcaaaggac	taggattaaa	tgcccgttta	aagaagatac	tccagggctg	120
gagagatggc	tcagtgggtc	agatcacaga	ctgctcgtcc	agaggtcctg	agttcaattc	180
ccagcaacca	caaggtggct	cacaacacct	cttctgggtg	gtctaaagac	agcaacagtg	240
tattcatgta	cattaaatga	ataaataaat	tgtaaaaaaa	aaaa		284

<210> 313
 <211> 400
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(400)
 <223> n = A,T,C or G

<400> 313						
gactgggacc	tactgtaacc	agacnggact	tnctgtgaag	agagaggggc	atnaaccac	60
ccacaaaacc	ttcaacccaa	aatgtgttct	gcctacaaga	tacacaggga	taaagatgga	120
gcagagattg	aggggacggc	caaccagtga	ctgnctaact	cgagacccat	cccattgggag	180
agagccaacc	cctgccacta	ttgacactcg	gctatgcttg	cagacagtgt	gactccttga	240
caacagtgtg	cctcgttatg	gttttatgaa	accagttaac	agtcttcctc	caaggtctct	300
gcttcagtc	ctgcctncag	gaaatgccct	gcttgtgttt	ctgctctgac	ttcccccagt	360
gatggaatgt	taccatggaa	gataaaataa	atctttccca			400

<210> 314
 <211> 341
 <212> DNA
 <213> Mus musculus

<400> 314						
gctcctggga	tcctgggcct	tcaacttcta	ctgaggctga	accttctcca	gtggcttacc	60
ctgtcctctc	acagtgccaa	gcctcagctg	ctcttcatga	ctctccatgc	ttccaaaact	120
gatatcaact	gggtgagtct	tacggtacca	cgttcatatg	ccagtgcgaag	gtacaaccgt	180
gaccagctat	ggagcccagc	tgtaagccaa	ctcaaatact	tccaagcta	cacctcagtg	240
atgctagttt	ctcctcaatt	attgttaatt	tcttagcttc	agctgaccag	catcaatggt	300
cccagtaaaa	taaaggcttt	ccttcagtg	taaaaaaaaa	a		341

<210> 315
 <211> 306
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(306)
 <223> n = A,T,C or G

<400> 315						
ctggaccaac	tgaggcccat	nccagccagc	cctcccagga	cagacatata	gccgtctatc	60
atggaaggaa	gtgaggcact	cagctcagga	actcaaggca	ggaacctgng	ggcangagct	120
ggtgcagagg	ccaccgagga	gggctgctga	ctggcgtagc	ttactcagct	tctttctctg	180
accatctagg	gccacctgcc	tgtggatgac	atcaettaca	gggggcttgg	ccccttccac	240
atnaatcatt	nantcaagaa	aatgcncac	nggcttagct	cacangcata	ttttacaggg	300
gccttt						306

<210> 316
 <211> 247
 <212> DNA
 <213> Mus musculus

<400> 316
 ggccttggtt ggaagagatg atcaataact acaatgagct aagcacgaag ttttaagatca 60
 atgtactggg gctggtgaga tagctcagtg ggtaagagca cccgactgct cttgctaagg 120
 tccggagttc aaatcccagc aagcacatgg tggctcacaa ccacccgtaa caagatctga 180
 ctccctcttc tggagtgtct gaagacagct acagcgtact tacatataat aaataaataa 240
 ataaaaa 247

<210> 317
 <211> 259
 <212> DNA
 <213> Mus musculus

<400> 317
 acgattgctg ccaggctatg ggtgtcccag gtactgacag gaccacacca ttgctgtctt 60
 taagaaactt gctgggggct ggcgagatgg ctcagtgggt aagagcatca actgcttttc 120
 cgaagggtccc gagttcaaat cccagcaacc acatggtggc tcacaaccac ccgtaaagaa 180
 atctgatgcc ttcttctgga agatctgagg acagctacag tgtacttaca tataataaat 240
 aaatctttaa aaaaaaaaaa 259

<210> 318
 <211> 244
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(244)
 <223> n = A,T,C or G

<400> 318
 ttccagatgt tcagantnca ggagcaagag agatggccta ggggatcaaa gccctgactg 60
 ctcttccaaa ggacctgggt ttgattccca gcacccatat ggcagntncc ngntctctga 120
 angtcagtt ccaggggacg cgacgacacc ttcttctgag cactgcatgc acctgttatg 180
 ggtcatata ctggggcatg acaccctata gacatagtaa aattaagaat gcagaaaaaa 240
 aaaa 244

<210> 319
 <211> 189
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(189)
 <223> n = A,T,C or G

<400> 319
 caagactgcc ctttgggatt caaacgggag ccgctttgga ctgactggct gccttctctc 60
 tcctccccct cctccccctt ctgcttcaga tttatttatt atatgtaagt acactgtatg 120
 agttgttaga cacactagac gagggcacca gatctcattg tgggtgggtg ngaaccaccc 180
 accatgtgg 189

<210> 320
 <211> 243
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(243)
 <223> n = A,T,C or G

<400> 320
 ggtgcacgtg cagaatatat accatgtgca tgtcctgtgc cagaagagcc tagaagaggg 60
 catctgatct cctggaactg gcaacagaca cttgtgagac atcatgtggg tgctacgaac 120
 tgaacctggg tcctctgcaa gagcaacaag catttttaac cactgagcct tccatcttat 180
 tctctcaaag aaattattgt atgtatatat gcatggngta tgtgttttg agcatgtatg 240
 ctg 243

<210> 321
 <211> 178
 <212> DNA
 <213> Mus musculus

<400> 321
 gggttcacga ctgccctttg ggattcaaac gggagccgct ttggactgac tggctgcctt 60
 cctcctctcc cccctcctcc cccttctgct tcagatttat ttattatatg taagtacact 120
 gtagcagttg taggacacac tagacgaggg caccagatct cattgtgggt ggttgaga 178

<210> 322
 <211> 369
 <212> DNA
 <213> Mus musculus

<400> 322
 agactggaac ttggaatcca ggtcttcaca agcacgaggc aaaaactcaa ccattgtctt 60
 ccagccctgg ctgtcctgga actactctct ctggagacca gggtggcctt gaattcagag 120
 atccacctgc ctctgcctcc tgagtgtctg gatattgggt ctcttctggt ttaagagaca 180
 gcatctcatt atggcagcca ggctggcctt gaaatcctag ctcaagtcac catcctcctt 240
 cagcctctga gtgcccgggt gagcctgcag tagctcatcg ggcattggctt ctttggtaaa 300
 gtctaagctt gcaatctgtc atcagctttg ctaagtttca agtaaagatc aaaacgatga 360
 aaaaaaaaa 369

<210> 323
 <211> 256
 <212> DNA
 <213> Mus musculus

<400> 323
 gatgctgcc a ggctatgggt gtcccaggta ctgacaggac cacaccattg ctgtctttaa 60
 gaaacttgct gggggctggc gagatggctc agtgggttaag agcatcaact gcttttccga 120
 aggtcccag ttcaaattcc agcaaccaca tgggtggctca caaccaccg taaagaaatc 180
 tgatgccttc ttctggaaga tctgaggaca gctacagtgt acttacatat aataaataaa 240
 tcttttaaaaa aaaaaa 256

<210> 324
 <211> 261
 <212> DNA

<213> Mus musculus

<400> 324

ggtactatgt	gcatgtggca	cacattcata	tatactgaag	atagaacgta	cacctaggat	60
aaaaaagtaa	atgttctggt	gagatggctc	agtgggtaag	agcacctgac	tgctcttccg	120
aaggtcagga	gttcaaatcc	cagcaaccac	atgggtggctc	acaaccatcc	gtaacaagat	180
ctgactccct	cttctggagt	gtctgaagac	agctacagtg	tacttacata	taatcaataa	240
ataaatcttt	aaaaaaaaa	a				261

<210> 325

<211> 410

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(410)

<223> n = A,T,C or G

<400> 325

ataccagcaa	ccaatatcca	cgtcaccagc	natccaacaa	tccaccaacc	cagccatcca	60
gccatccacg	aaccagcca	tccagccatc	cagcaaacca	gccatccagc	catccagcca	120
tccaccaacc	cagccatcca	gccatccagc	aaccagcca	tccagccatc	cagcaaccca	180
gccatccagc	catccagcaa	tagcaaaagc	agcaaatgca	gcagcaggga	ccaacagcag	240
ggggagcagt	agcccccgcc	ccaggctctc	tgggagctct	tgaatttata	ccctctcaag	300
agtccccaga	attccaaatg	caaactatct	gcagggtggca	aaaatcatag	ttagcagccc	360
tgtatcccac	acctgagatt	aaagcaaaaa	cataatcaca	taaaaaaaaa		410

<210> 326

<211> 247

<212> DNA

<213> Mus musculus

<400> 326

aggccttggt	tggaagagat	gatcaataac	tacaatgagc	taagcagaag	tttaagatca	60
atgtactggg	gctggtgaga	tagctcagtg	ggtaagagca	cccgactgct	cttgctaagg	120
tccggagttc	aaatcccagc	aagcacatgg	tggctcacaa	ccatccgtaa	caagatctga	180
ctccctcttc	tggagtgtct	gaagacagct	acagcgctact	tacatataat	aaataaataa	240
ataaaaaa						247

<210> 327

<211> 290

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(290)

<223> n = A,T,C or G

<400> 327

aaacgggagc	tcgctttgga	ctgactggct	gccttcctcc	tcctccccct	cctccccctt	60
ctgcttcaga	tttatattatt	atatgtaagt	acactgtagc	agttgttaga	cacactagac	120
gagggcacca	gatctcattg	tgggtgggtg	tgaaccaccc	accatgtggn	tgctgggatt	180
tgaactcagg	atcttcagaa	gagcagtcag	ggctctaaac	cgctgagcca	tctctccanc	240
ctcctgcatt	cctttctaan	gcatgaatga	tcccagcata	ggaagacagc		290

<210> 328
 <211> 202
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(202)
 <223> n = A,T,C or G

<400> 328
 tggggtcttt cagaagctan aagaggaact ggagttacat gacaattgtg gaccaccatg 60
 caggctctgg gaattgaacc agggctccgtt agaagaacag ccagtgtctt tatctgctga 120
 accatctctc cagctcctgg gcttaactgc tgagctctct ttagcccttg gacttttttt 180
 ttcttaatta aaaaacaaac aa 202

<210> 329
 <211> 417
 <212> DNA
 <213> Mus musculus

<400> 329
 gagttggtgt taccagaccc caaattctca tcaactctgta acacctgaga atgaagacca 60
 ggacacaagc acagactgac tccctctcag acacgtgtgg aagagacagc tagcatcttc 120
 ttaaaaaggag catgggggag ggggagttaa cattgtgtat gatttattag gcttgccaaa 180
 tgctttaaag ttcaattcag ccaaatgaat taaaaatgag tggtttggag ctggagagat 240
 ggctcagcag ttaagggcac tgactgtctt tccagaagtc ctgagttcaa ttcccagcaa 300
 ccacatggtg gctcacaacc atctgtaatg ggatttgatg ccctcttctg gtgtgtctga 360
 agacagcgac agtgtattca catacattaa ataaataaat aaataaatct ttaaaaa 417

<210> 330
 <211> 285
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(285)
 <223> n = A,T,C or G

<400> 330
 tcaggaagcc tggactgncc ttgaactcac tggataccca aggatggcac tgaacttctc 60
 atccttctaa ttcccaagtg ttaagatttc aggtatgggc tggtgagatg gctcagtggg 120
 taagagcgcc cgactgtctt tccgaaggtc tgaagttcaa atcccagcaa ccacatggtg 180
 gctcacaacc atctgtaaca agatctgacg ccctcttctg gagtgtctga agacagctac 240
 agtgtactta catataataa ataaataaat ctttaaaaaa aaaaa 285

<210> 331
 <211> 352
 <212> DNA
 <213> Mus musculus

<400> 331
 agcagagaga gactgaccaa cagactcaca ggggcttggg acaaagggtgc tgcacgatcg 60
 acccagtaga actcctgaca ccagaagcca gtctcacaag tccagtgact aaagcccaca 120
 gaccacaggc tcaatgatct tgtacacaag gaagaaccca gcagggtctcg tgcagaacaa 180

gtaaaaactg ggtccggaga gatggctcag tggttaagag cactgactgc tcttccagag	240
gtcctgagtt caattgctag gaattgatgc actcttctgg tgtatgtctg aagacagcta	300
cagtgtattc atataaacat aaataaataa ataaataaat aaataaataa at	352

<210> 332
 <211> 415
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(415)
 <223> n = A,T,C or G

<400> 332	
actggtcacc tactgtagcc ngacaggact tncgtggaag agagaggggc atcaacccan	60
ccacaaaacc ttancccaa aatgtgttct gcctacaaga tacacaggga taaagatgga	120
gcagagattg aggggacggc caaccagtga ctgcctaact cgagacccat cccatgggag	180
agagccaacc cctgccacta ttgacactcg gctatgcttg cagacagtgt gactccttga	240
caacagtgtg cctcgttatg gttttatgaa accagttaac agtcttcctc caaggtctct	300
gcttcagtcc ctgcctccag gaaatgccct gcttgtgttt ctgctctgac ttccccnct	360
gaaggganng ttncatgga ngataaata aatctttccc acatcaaaaa aaaaa	415

<210> 333
 <211> 247
 <212> DNA
 <213> Mus musculus

<400> 333	
ggccttgttt ggaagagatg atcaataact acaatgagct aagcacgaag tttaagatca	60
atgtactggg gctggtgaga tagctcagtg ggtaagagca cccgactgct ctgctaagg	120
tccggagtgc aaatcccagc aagcacatgg tggctcacia ccatccgtaa caagatctga	180
ctccctcttc tggagtgtct gaagacagct acagcgtaact tacatataat aaataaataa	240
ataaaaaa	247

<210> 334
 <211> 257
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(257)
 <223> n = A,T,C or G

<400> 334	
agatgctgcc aggetatggg tgnccaggc nctgacagga ccacaccatt gctgtcttta	60
agaaacttgc tgggggctgg cgagatggct cagtgggtta gagcatcaac tgcttttccg	120
aaggtcccg gttcaaatcc cagcaaccac atggtggctc acaaccaccc gtaaagaaat	180
ctgatgcctt cttctggaag atctgaggac agctacagtg tacttacata taataaataa	240
atcttttaaaa aaaaaaa	257

<210> 335
 <211> 253
 <212> DNA
 <213> Mus musculus

<400> 335
agactccccc agccctgaag caggttgatt cagacttgac ctgcgtgccg ctgagcatga 60
gaccacctgg ggtggagcct tccgacctag ccggctctat tgttctgtca cctgctgctg 120
ctcgtctcca agacactgct acctgctgaa aggcccttga gataatctgg agacagcatc 180
cagccgatca cctactggct ggccaagggc accaagaatg gattgtttgg ggggggcggg 240
ggaggaatgg tgg 253

<210> 336
<211> 444
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(444)
<223> n = A,T,C or G

<400> 336
ggtgtttgct gcatgtgaat agaggtgccc atggagacca gagacgtcag atcctgtgga 60
gctggagtca caaacgcctg taagccacct gatgaggctc tgtgtcctca tcctctggac 120
aagcagcccc tgagcttaac cactgagcta tttctccagc ccctggacca gactgtcctc 180
caccctgacc tccacctttt tttaaaaaaa gatttattat atgtaagtgc gctgtagctg 240
ncatcagaca ctccagaaaag agggagtcag atctccttat ggatggttgt aagctaccat 300
atggttgctg ggatttgaac tcaggacctt gggaanagca gttgagtgtc cttacccact 360
gagccatctc actagcccct gacctcctcc ttctttaacc tcctaattgc tgggactacc 420
gntgtgtgct accacacctg gctg 444

<210> 337
<211> 414
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(414)
<223> n = A,T,C or G

<400> 337
gactgggacc tactgtgnacc ngacaggact tcctgtgaag agagaggggc atcaaccac 60
ccacaaaacc ttcaacccaa aatgtgttct gcctacaaga tacacaggga tnaagatgga 120
gcagagattg aggggacggc caancagnga ctgnctaact cgagacccat nccatgggag 180
agagccaacc cctgccacta ttgacactng gctatgcttg cagacagtgt gactccttga 240
caacagtgtg cctcgttatg gttttatgaa accagttaac agtcttcctc caaggtctct 300
gcttcagtcc ctgcctccag gaaatgcctt gcttgtgttt ctgctctgac ttccccag 360
gatggaatgt taccatggaa gataaaataa atctttccca catcaaaaaa aaaa 414

<210> 338
<211> 365
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(365)
<223> n = A,T,C or G

<400> 338
catcaaccca cccacaaaac cttcaaccca aaatgtgttc tgcctacntg atacncangn 60
atanngatgg agcatagatt gaggggacgg ccaaccagtg actgcctaac tgcgagacca 120
tnccatggga gagagccaac ccctgccact attgacactc ggctatgctt gcagacagtg 180
tgactccttg acaacagtgt gcctcggttat ggttttatga aaccagttaa cagtcttcct 240
ccaaggtctc tgcttcagtc cctgcctcca ggaaatgcc tgcttggtt tctgctctga 300
cttccccag tgatggaatg ttaccatgga agataaaata aatctttccc acatcaaaaa 360
aaaaa 365

<210> 339
<211> 347
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(347)
<223> n = A,T,C or G

<400> 339
atgtaaccta ggtccttata aatgtctagg tcaaacactg ggtctacagt ctctatcaca 60
agtacttccg ggatccaaac attcttcanc tgtgnatgtc aaaccttttg cctgtgcaac 120
attcatctgt aactgtactt gcatcgcccc cacgggtact gtaggtataa ggnagtagcc 180
gtatgtgtaa cataaaactt gttgctctac acctacgtcg cggacccttt aattcagtec 240
ctcatggtgt ggcaaccgga accagaacat tcttttcatt gctacttcat agctgtaatt 300
ttgctactgt tacgatttat aatgtaaata tatgtttttc tgtggtg 347

<210> 340
<211> 238
<212> DNA
<213> Mus musculus

<400> 340
gtgttttgcc tgtgtgtata tatgtacacg tatgtacacc atgtcatgag cctccatggt 60
cgtgagagga ctttggatcc cttggaactg gcgttacatt ggtcgtgagc ctccatgttg 120
gcgctgagaa gcaaaccctgg gttctctgga agcgcagcaa gtgctcttaa ccatcgagcc 180
atctctccat ctcaaaccac ccatgtatat aaaatgaaaa tacataaacc aaaaaaaaa 238

<210> 341
<211> 237
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(237)
<223> n = A,T,C or G

<400> 341
taaacacctt gattcagact tgacctcgct gccgctgagc atgagaccac ctgggggtgga 60
gccttccgac ctaggccggt ctattgttct gtcacctgct gctgctcgtc nccaagacac 120
tgctacctgc tgaaaaggccc ttgagataat ctggagacag catccagccg atcacctact 180
ggctggcgaa gggcaccaag aatggattgt ttgggggggg cgggggagga atggtgg 237

<210> 342
<211> 248

<212> DNA
<213> Mus musculus

<400> 342
 ggggcctgtg gggagaagag aagggtttcac catgtatccc tccctggctg ggctggaact 60
 cactatgtag accagaccag actccagctc attctgcctc tacttcccaa atgctgatat 120
 taaaggcatg tgccgtcact ccccgcaaaa aacttttcta ttttaattga ggtatatttc 180
 acaaacaaaa aatgtaaacc ttcaagatct ataataaaaa ttaaacaac acttcatcaa 240
 aaaaaaaaa 248

<210> 343
 <211> 388
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(388)
 <223> n = A,T,C or G

<400> 343
 tactgtaacc agacaggact tnctgtgaag agagaggggc atcaaccac ccacaaaacc 60
 ttcaacccaa aatgtgttct gcctacaaga tacacagga taaagatgga gcagagattg 120
 aggggacggc caaccagtga ctgcctaact cgagacccat cccatgggag agagccaacc 180
 cctgccacta ttgacactcg gctatgcttg cagacagtgt gactccttga caacagtgtg 240
 cctcgttatg gttttatgaa accagttaac agtcttctc caaggtctct gcttcagtcc 300
 ctgcctccag gaaatgccct gcttgtgttt ctgctctgac ttcccccagt ggatggaatg 360
 ttaccatggg aaagattata ataaaatc 388

<210> 344
 <211> 165
 <212> DNA
 <213> Mus musculus

<400> 344
 ctgccctttg ggattcaaac gggagccgct ttggactgac tggctgcctt cctcctcctc 60
 cccctcctcc cccttctgct tcagatttat ttattatatg taagtacact gtagcagttg 120
 taggacacac tagacgaggg caccagatct cattgtgggt ggttg 165

<210> 345
 <211> 114
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(114)
 <223> n = A,T,C or G

<400> 345
 ccttttggat tcaaacggga gccgctttgg actgactggc tgncttctc ctctccccc 60
 tctctccctt tctgcttcag atttattnat tatatgtaag tacactgtag cagt 114

<210> 346
 <211> 414
 <212> DNA

<213> Mus musculus

<400> 346

actggtcacc	tactgtaacc	agacaggact	tcctgtgaag	agagaggggc	atcaacccac	60
ccacaaaacc	ttcaacccaa	aatgtgttct	gcctacaaga	tacacagga	taaagatgga	120
gcagagattg	aggggacg	caaccagtga	ctgcctaact	cgagacccat	cccatgggag	180
agagccaacc	cctgccacta	ttgacactcg	gctatgcttg	cagacagtgt	gactccttga	240
caacagtgtg	cctcgttatg	gttttatgaa	accagttaac	agtcttcctc	caaggctctc	300
gcttcagtcc	ctgcctccag	gaaatgccct	gcttgtgttt	ctgctctgac	ttcccccagt	360
gatggaatgt	taccatggaa	gataaaataa	atctttccca	catcaaaaaa	aaaa	414

<210> 347

<211> 317

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(317)

<223> n = A,T,C or G

<400> 347

gctgcatgtg	aatagaggtg	cccatggaga	ccagagacgt	catgatcctg	tggagctgga	60
gtcacaaaacg	cctgtaagcc	acctgatgag	gctctgtgtc	ctcatcctct	ggacaagcag	120
cccgtagagct	taaccactga	gctatttctc	cagccccctg	accagactgt	cctccaccct	180
gacctccacc	ttttttttaa	aaaagattta	ttatatgtaa	gttcgctgta	gctgtcatca	240
gacactccag	aaagagggag	tcagatctcc	ttatggatgg	ttgtaagcta	ccatatggnt	300
gctgggattt	gaactca					317

<210> 348

<211> 256

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(256)

<223> n = A,T,C or G

<400> 348

ggggctggag	agatggntct	gcagttaana	gcnctgactg	ctttcccana	ggtcttgagt	60
tcantgtccc	cangcctcag	gaactacntg	gcggcttaca	accatctgtg	atgggatcca	120
atgtcctctc	ctggtgtgtt	tgaagacagt	gacagtatac	agtgtactta	catatctcac	180
acacatangn	tccttagaaa	agtggngta	tgcatacaca	taaacacaca	tccacacgtt	240
gttaaataaa	taaaaa					256

<210> 349

<211> 405

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(405)

<223> n = A,T,C or G

<400> 349
gactggtcac ctactgtaac cagacaggac ttcctgtgaa gagagagggg catcaaccca 60
cccacaaaac cttcaaccca aaatgtgttc tgcctacaag atacacaggg ataaagatgg 120
agcagagatt gaggggacgg ccaaccagtg actgcctaac tcgagaccca tcccatggga 180
gagagccaac ccctgccact attgacactc ggctatgctt gcagacagtg tgactccttg 240
acaacagtgt gcctcgttat ggttttatga aaccagttaa cagtcttct ncaaggtctc 300
tgcttcagtc cctgcctcca ggaaatgcc tgcttgngtt tctgctctga cttccccag 360
tgatggaatg ttaccatggg aagatnanat aaatctttcc cacat 405

<210> 350
<211> 243
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(243)
<223> n = A,T,C or G

<400> 350
aacttgctt tgccgtagat ggagaccatt gcagaaaact acaacagatc acaatacggg 60
gttggtggaac ccagactcaa gcgtagcaac tatttatgaa aaagatagct caagaaaaaa 120
aatTTTTgtt tgagataggg tttctccatg tagccctggc tgnccctggaa ctcactctgn 180
agaccangcc agnctctggt tnagagatnt ncccacctct tgnctcccaa gagctggaat 240
taa 243

<210> 351
<211> 392
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(392)
<223> n = A,T,C or G

<400> 351
tctcatgtaa cctggtaacc aggtctgccg tgtccagtca gtctcacc c atgcctttc 60
tccatctgtc ccccaacccc ccacagtcac tgtgtcaagt cgtgtgcagc cgtacctggg 120
ctttttctgt ggnacgctgg taatctgaac ccagcatcct ttgcatgcac agctgtagtc 180
tccccctcc tagcctgtaa acctgcttgc tcagggggtg nagcttcctg ctcatctgtt 240
ctgccacgcc cactgctggg aacctgcgga gccacacacg tgcaccttc tactggacca 300
gagattattc ggcgggaatc ggggtccctc ccccttctt cataactagt gtcgcaacaa 360
taaaatttga gccttggatc agaaaaaaaa aa 392

<210> 352
<211> 218
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(218)
<223> n = A,T,C or G

<400> 352

gggttcacaga	ctgccctttg	ggattcaaac	gggagccgct	ttggactgac	tggtgcctt	60
cctcctcctc	ccccctctcc	cccttctgct	tcagatttat	ttattatatg	taagtacact	120
gtagcagttg	taggacacac	tagacgaggg	caccagatct	cattgtgggt	ggttgtgaac	180
caccacccat	gtggttgctg	ngatttgaac	tcaggatc			218

<210> 353
 <211> 347
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(347)
 <223> n = A,T,C or G

<400> 353	
ggttttccaaa	60
tgccctttcca	
gcctagaacc	
caaacatgta	
cgncggctgg	
ccggacacaa	120
cagagaccct	
cctcctagct	
gcctagaagc	
cagncttntc	
ctgnctgcct	
ttggaacaag	180
tagaactctn	
anctcctcca	
nnctgtgtgc	
tgccctggatg	
ctgccatgct	
tncaccacag	240
atgataattg	
actgaatccc	
agaagctgta	
naccagcccc	
aataaatgtc	
ttttataaga	300
gctaccttgg	
taggggnttg	
agagatggct	
cancagntaa	
gagcactgac	
tgctcttaan	347
tctgagctnt	
attcctagca	
accacatggt	
ggctcacaac	
catctgt	

<210> 354
 <211> 436
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(436)
 <223> n = A,T,C or G

<400> 354	
gctgggctaga	60
gatctgttan	
accagtcaaa	
ccaacaacca	
ataaccagtc	
accagcaatc	120
caacaatcca	
ccaacccagc	
catccagcca	
tccaccaacc	
cagccatcca	
gccatccagc	180
aaaccagcca	
tccagccatc	
cagccatcca	
ccaacccagc	
catccagcca	
tccagcaacc	240
cagccatcca	
gccatccagc	
aaccagcca	
tccagccatc	
cagcaatagc	
aaaagcagca	300
aatgcagcag	
cagggaccaa	
cagcaggggg	
agcagtagcc	
cccggccccag	
gctctctggg	360
agctcttgaa	
tttataccct	
ctcaagagtc	
cccagaattc	
caaatgcaaa	
ctatctgcag	420
gtggcaaaaa	
tcatagttag	
cagccctgta	
tcccacacct	
gagattaaag	
caaaaacata	436
atcacataaa	
aaaaaa	

<210> 355
 <211> 243
 <212> DNA
 <213> Mus musculus

<400> 355	
ctgtggggag	60
aagagaaggt	
ttcaccatgt	
atccctccct	
ggctgggctg	
gaactcacta	120
tgtagaccag	
accagactcc	
agctcattct	
gcctctactt	
cccaaagtgt	
gatattaaag	180
gcatgtgccg	
tactccccg	
caaaaaactt	
ttctatttta	
attgagggtat	
atttcacaaa	240
caaaaaatgt	
aaaccttcaa	
gatctataat	
aaaaattaaa	
caaacacttc	
atcaaaaaaa	243
aaa	

<210> 356

<211> 231
<212> DNA
<213> Mus musculus

<400> 356
cttttaaac ggcgcacagt tactcattat ccctctgtcc cgttgagata tatatgcata 60
tgtcttctac aagccagaaa tgttttcctc caggacagaa agcccttcct ttgaaatgta 120
aatcatcaaa aaattttggc gtctgtttcc cattttgtgt gggaagatat aatcccatct 180
tctataattg ccaactagta aattgtaatt gcttttacia tgaaaaaaaa a 231

<210> 357
<211> 239
<212> DNA
<213> Mus musculus

<400> 357
agtgttttgc ctgtgtgtat atatgtacac gtatgtacac catgtcatga gcctccatgg 60
tcgtgagagg actttggatc ccttggaact ggcgttacat tggcgtgag cctccatggt 120
ggcgtctgaga agcaaacctg ggttctcttg aagcgcagca agtgctctta accatcgagc 180
catctctcca tctcaaacca cccatgtata taaaatgaaa atacataaac caaaaaaaaa 239

<210> 358
<211> 254
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(254)
<223> n = A,T,C or G

<400> 358
cactgtaact tctcatcctt ctaattccca agtgtaaga tttcaggata tgggctggtg 60
tagaatggnc tcagtgggtt aagtagcgcc cgtactgtct cttccgtaag gttctgtaag 120
ttcaaattcc agcaaccaca tgggtggctca caaccnatct gtaacaagna tctgacgccc 180
tcttctggtg gtgtctgaag gacagctaca gtgtacttac atataataaa taaataaatc 240
tttaaaaaaa aaaa 254

<210> 359
<211> 190
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(190)
<223> n = A,T,C or G

<400> 359
ttgaagatga ctttgttttg aagagtttnc aggnnngatg gtatcctggg ttctanaaga 60
aagcanactg atcnagtcat gtgagccaac naggaagcag nactcctccg tgacctcagc 120
actagnnccn gcttntgggt tncgtccctg ttagagtncc tgttctaact ancttcgatt 180
ctgaactgca 190

<210> 360
<211> 217

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(217)
<223> n = A,T,C or G

<400> 360
agagaggaat ggctcagtga ttaagaagat tctctgctct tccagagggc tggttcaatt 60
ttagnaccc aaatggtggn tttccatcac cctgggcttn agttccagat ctgatgcatt 120
ctggcctcct tgggcatcag gcatgcgcat tgcatacaca tatacacaca ggcaaaacac 180
ataataataa acattcactt ctctcagaaa aaaaaaa 217

<210> 361
<211> 198
<212> DNA
<213> Mus musculus

<400> 361
aagaacacgc tccccctggc tgcccgagga atagacttct gctgcctttg gatcagcgca 60
agatgtacta actcttggct cctccaatac catgtctgcc tgcaagctgc cacgcttccc 120
cccatgatga taatggactg aacctctgaa actgtaagcc agtctcaatt aaatgtcttc 180
taagggtaaa aaaaaaaa 198

<210> 362
<211> 409
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(409)
<223> n = A,T,C or G

<400> 362
ccagcaaacc aacaaccaat aaccangtca ccancaatcc aacaatccac caaccagcc 60
atccagccat ccaccaaccc agccatccag ccatccagca aaccagccat ccagccatcc 120
agccatccac caaccagcc atccagccat ccagcaaccc agccatccag ccatccagca 180
accagccat ccagccatcc agcaatagca aaagcagcaa atgcagcagc agggaccaac 240
agcaggggga gcagtagccc cgcgccaggg ctctctggga gctcttgaat ttataccctc 300
tcaagagtcc ccagaattcc aaatgcaaac tatctgcagg tggcaaaaat nattggttgg 360
cagccctgna tcccacacct gngattaaag caaaaacata atcacataa 409

<210> 363
<211> 256
<212> DNA
<213> Mus musculus

<400> 363
ttaagcctcc cccagccctg aagcagggtg attcagactt gacctcgctg ccgctgagca 60
tgagaccacc tggggtggag ccttcgcagc tagccggctc tattgttctg tcacctgctg 120
ctgctcgtct ccaagacact gctacctgct gaaaggccct tgagataatc tggagacagc 180
atccagccga tcacctactg gctggcgaag ggcaccaaga atggattgtt tggggggggc 240
gggggaggaa tgggtg 256

<210> 364
 <211> 249
 <212> DNA
 <213> Mus musculus

<400> 364
 aggggcctgt ggggagaaga gaagggtttca ccatgtatcc ctccctggct gggctggaac 60
 tcactatgta gaccagacca gactccagct cattctgcct ctacttcccaaatgctgata 120
 ttaaaggcat gtgccgtcac tccccgcaaa aaacttttct attttaattg aggtatatatt 180
 cacaacaaaa aaatgtaaac cttcaagatc tataataaaa attaaacaaa cacttcatca 240
 aaaaaaaaaa 249

<210> 365
 <211> 251
 <212> DNA
 <213> Mus musculus

<400> 365
 tggctgtcct agaactcaga gatccaccta cctctgattc aaaggactag gattaaatgc 60
 ccggttaaag aagatactcc agggctggag agatgggtca gtgggtcaga tcacagactg 120
 ctctgccaga ggtcctgagt tcaattccca gcaaccacaa ggtgggtcac aacacctctt 180
 ctggtgtgtc taaagacagc aacagtgtat tcatgtacat taaatgaata aataaattgt 240
 aaaaaaaaaa a 251

<210> 366
 <211> 361
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(361)
 <223> n = A,T,C or G

<400> 366
 ccaaccacaa aaaccttcan cccaaaatgn gttntgccta cnngatacac natggatntg 60
 agatggagca nagattgagg ggacggccna ncantgnctg gctaactcga gaccntncc 120
 atgggagaga gccaanccct gccantattg aactnnggct atnctngnaa acagtgtgac 180
 tccttnncaa cagtgtgctt cgttatgggt ttatgaaacc agttaacagt cttcctccaa 240
 ggtctctgct tcagtccttg cctccaggaa atgccctgct tgtgtttctg ctctgacttc 300
 cccagtgat ggaatgttac catggaagat aaaataaatc tttcccat caaaaaaaaa 360
 a 361

<210> 367
 <211> 406
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(406)
 <223> n = A,T,C or G

<400> 367
 ttaagagtga attagatata atgttgggtca cctactgtaa cngacagga cttnctgtga 60
 agagagaggg gcatcaaccc acccacaata cttcaaccc aaaatgtgtt ctgcctacaa 120

gatacacagg	gataaagatg	gagcagagat	tgaggggacg	gccaaaccagt	gactgcctaa	180
ctcgagaccc	atcccatggg	agagagccaa	cccctgccac	tattgacact	cggctatgct	240
tgagacagt	gtgactcctt	gacaacagt	tgctcgtta	tggttttatg	aaaccagtta	300
acagtcttcc	tccaaggtct	ctgcttcagt	ccctgcctcc	aggaaatgcc	ctgcttgtgt	360
ttctgtctctg	acttccccca	gtgatggaat	gttaccattg	gaagat		406

<210> 368
 <211> 322
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(322)
 <223> n = A,T,C or G

<400> 368	
tgcccagatg	ttcacattta ggaagcctgt ctccacatcc ctaggactat cccactgtca 60
ctgcctcana	agcctgggtct ccagagtcga ctgggtgtagt cccccctccc tcagcctgaa 120
acctgcttgc	tcaggggtgg agcttcccg ccaatcgttc tgccacgccc actgctggaa 180
tctgccgctt	tgctgttcgg agccgtgcac gaggtcaccc agctattgga ttccaagatt 240
aattggcggg	aatcgggccc cttccctgc ttcataactg cgtgcggaac agtaaaattg 300
agctttgatc	agaaaaaaaa aa 322

<210> 369
 <211> 428
 <212> DNA
 <213> Mus musculus

<400> 369	
ttgaagccag	cagcccagca aaccaacaac caataaccag tcaccagcaa tccaacaatc 60
caccaaccca	gccatccagc catccacca cccagccatc cagccatcca gcaaaccagc 120
catccagcca	tccagccatc caccaaccca gccatccagc catccagcaa cccagccatc 180
cagccatcca	gcaaccagc catccagcca tccagcaata gcaaaagcag caaatgcagc 240
agcagggacc	aacagcaggg ggagcagtag ccccgcccc aggtctctctg ggagctcttg 300
aatttatacc	ctctcaagag tccccagaat tccaaatgca aactatctgc aggtggcaaa 360
aatcatagtt	agcagccctg tatcccacac ctgagattaa agcaaaaaca taatcacata 420
aaaaaaaa	428

<210> 370
 <211> 292
 <212> DNA
 <213> Mus musculus

<400> 370	
gcctcccca	gcctgaagca gactgatgca aaccttgctg cctctgagag tgagactacc 60
tggggtggag	ccttcgacc tagatggctc tattgttctg tcacctgcct ctgctctcct 120
ccaagacact	gctacctgct gagaggcccc agagatatcc cggaggcacg tcctatccta 180
catatctcct	acaggctggc tccagacatc aagaatggac tggggggcggg aggatgggtc 240
ttccccctta	taagcacact ctcttagtaa accttgatca gagaaaaaa aa 292

<210> 371
 <211> 374
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(374)
 <223> n = A,T,C or G

 <400> 371
 gggctctatgg tggagctctg gctggactga aactcagaga tctgcctgtg ccttccaagc 60
 tctggaatta aagggtgtgcc ccaccacacc cagctctatg ggttttctgt tttgtttcca 120
 gacaggatgt ctgtttaaca gccctggctg ttctgaaact cactctgtaa gataaggctg 180
 gcctcaaatt cacagagatt caactgcctt tgctcccgga gtgctggaat taaagggtgtg 240
 tcccaccatg cctaccttca cggattcgtt ctttaaaatg gggactgaag agctggctca 300
 atgggtaaga gctgagtcaa ttcccagcaa ccgngtggtg gtnnacaacc atctgtaatg 360
 ggacctgatg ccct 374

<210> 372
 <211> 121
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(121)
 <223> n = A,T,C or G

 <400> 372
 gaagaagaag aaggaggagg aggaggagga ggaggaggag gagaanacat tccaancgaa 60
 aaaccaagag gagacgcggc agctcccaga tggtgatgtt ttgttttttt gacataaatc 120
 t 121

<210> 373
 <211> 337
 <212> DNA
 <213> Mus musculus

<400> 373
 aagcattaac tgtggctggc ttacagtttc agagggttag ttcgttatta ccatgggttg 60
 tgctggagaa gtggctgaga ggtctacatc tgaatccaca agcatcagga agaaagagt 120
 accgtgaacc tggcttgat ttttgatgcc tcaaaaccca cccccaatg acacagtttc 180
 tccaacaagg cctccaatga cacctactgc aacaaatagt gccattctct aaacactcaa 240
 atatatgagc ctatgggacc gttcttactc aacccccaca tatatgtata tgcacctatg 300
 ttcccaaata taatctcttc cactcataaa aaaaaaa 337

<210> 374
 <211> 210
 <212> DNA
 <213> Mus musculus

<400> 374
 aggaaaagaa accgccgcca aggttgacat caagatacgc ctggaactga tggttgtgag 60
 ctgtcacatg gagaatcgaa attgaacctg ggtcctctgg aagggaacc aatatcctta 120
 actgctgagc tattttctcca gcccttcca ccatcggttc tcttggcaga gaaaacaaga 180
 gaaaaaggac actatggaaa aataaagaaa 210

<210> 375
 <211> 382
 <212> DNA

<213> Mus musculus

<400> 375

cctactgtaa	ccagacagga	cttcctgtga	agagagaggg	gcatcaaccc	acccacaaaa	60
ccttcaaccc	aaaatgtgtt	ctgcctacaa	gatacacagg	gataaagatg	gagcagagat	120
tgaggggacg	gccaaccagt	gactgcctaa	ctcgagaccc	atcccatggg	agagagccaa	180
cccttgccac	tattgacact	cggctatgct	tgcagacagt	gtgactcctt	gacaacagtg	240
tgctctgtta	tggttttatg	aaaccagtta	acagtcttcc	tccaaggtct	ctgcttcagt	300
ccctgcctcc	aggaaatgcc	ctgcttgtgt	ttctgctctg	acttccccca	gtgatggaat	360
gttaccatgg	aagataaaat	aa				382

<210> 376

<211> 193

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(193)

<223> n = A,T,C or G

<400> 376

gggtccagac	tgcccttttg	gattnaacgg	gagccgcttt	ggactgactg	gctgccttcc	60
tcctcctccc	cctcctcccc	cttctgcttc	agattttattt	attatatgta	agtacactgt	120
agcagttgta	ggacacacta	gacgagggca	ccagatctca	ttgtgggtgc	gttnggaacc	180
accaccatg	tgg					193

<210> 377

<211> 210

<212> DNA

<213> Mus musculus

<400> 377

ggcactgggtg	gggaccggag	agatgtctca	gaggctaage	ctctcctgtc	cttgttgagg	60
acctgaattc	agttgccagc	agctcacaac	cagctggaac	tccagctccg	ggggatctga	120
cacctctctc	tgcccttcta	gaactaccat	attcatgtgc	acacactcat	atacaaatca	180
cttaaaatac	aaataaacat	tctactaaag				210

<210> 378

<211> 242

<212> DNA

<213> Mus musculus

<400> 378

tccccagccc	tgaagcaggt	tgattcagac	ttgacctcgc	tgccgctgag	catgagacca	60
cctgggggtgg	agccttccga	cctagccggc	tctattgttc	tgtcacctgc	tgctgctcgt	120
ctccaagaca	ctgctacctg	ctgaaaggcc	cttgagataa	tctggagaca	gcatccagcc	180
gatcacctac	tggctggcga	agggcaccaa	gaatggattg	tttggggggg	gcgggggagg	240
aa						242

<210> 379

<211> 223

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(223)
 <223> n = A,T,C or G

<400> 379
 taaatgcttc ctgtctcact gaaagtgcgg tgaacacaca cttcccatgg gtatcactgt 60
 ggtaaaattgc agcatggggg ctggtatana agcatcagnc ggtgtaatag cactgtactg 120
 ctcttccagt ggatcctgga gttcaattcc cagcaacca cgtgggtgnt cacaaccatc 180
 tttaatggga acctgntgct ttcttctggt gtgttcggaa gaa 223

<210> 380
 <211> 339
 <212> DNA
 <213> Mus musculus

<400> 380
 gactgggtccc tactgtaacc agacaggact tcctgtgaag agagaggggc atcaaccac 60
 ccacaaaacc ttcaaccxaa aatgtgttct gcctacaaga tacacagga taaagatgga 120
 gcagagattg aggggacggc caaccagtga ctgcctaact cgagacccat cccatgggag 180
 agagccaacc cctgccacta ttgacactcg gctatgcttg cagacagtgt gactccttga 240
 caacagtgtg cctcgttatg gttttatgaa accagttaac agtcttcctc caaggctctc 300
 gcttcagtcc ctgcctccag gaaatgccct gcttgtgtt 339

<210> 381
 <211> 250
 <212> DNA
 <213> Mus musculus

<400> 381
 agcctcccc agccctgaag caggttgatt cagacttgac ctgctgccg ctgagcatga 60
 gaccacctgg ggtggagcct tccgacctag cgggctctat tgttctgtca cctgctgctg 120
 ctgctctcca agacactgct acctgctgaa aggcccttga gataatctgg agacagcatc 180
 cagccgatca cctactggct ggcgaagggc accaagaatg gattgtttgg ggggggcggg 240
 ggaggaatgg 250

<210> 382
 <211> 416
 <212> DNA
 <213> Mus musculus

<400> 382
 agactgggtca cctactgtaa ccagacagga cttcctgtga agagagaggg gcatcaaccc 60
 acccacaaaa ccttcaaccc aaaatgtgtt ctgcctacaa gatacacagg gataaagatg 120
 gagcagagat tgaggggacg gcccaaccagt gactgcctaa ctgagaccc atcccatggg 180
 agagagccaa cccctgccac tattgacact cggtatgct tgcagacagt gtgactcctt 240
 gacaacagtg tgccctgtta tggttttatg aaaccagtta acagtcttcc tccaaggctc 300
 ctgcttcagt cctgcctcc aggaaatgcc ctgcttgtgt ttctgctctg acttcccca 360
 gtgatggaat gttaccatgg aagataaaat aaatctttcc cacatcaaaa aaaaaa 416

<210> 383
 <211> 125
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(125)
 <223> n = A,T,C or G

<400> 383
 agctcaaatg tctggctgca gcacctgtgg atgtcctgct gctatgaagc aaaacttana 60
 aatggaaacc atgtgtgcag actgctggag agagagagag agagagagag agagagagag 120
 aaaaaa 125

<210> 384
 <211> 209
 <212> DNA
 <213> Mus musculus

<400> 384
 ctacgctact tctccagtgc caccgctgcc tgcattgccgt catgcttccc gtcattgatga 60
 taatggacta aacctctgaa ctgtaaacca gctgttgtgg gtcacttttg ctacccccgcc 120
 taagctccgg gaatgggctg tgctaccagc cccacccag attccctcaa atccacagat 180
 taaaaaaaaac acagacacac aaaaaaaaaa 209

<210> 385
 <211> 244
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(244)
 <223> n = A,T,C or G

<400> 385
 gacgtataaa cgactgaata aatgtttgtg caccacgtgc ctgcagtacc tccagtggcc 60
 agaagggtggc actggatctn ctgaaactgg aattccagat gggttatgac tgccatgtgg 120
 gtgctgcaaa tagaacctgg gtcctttgaa agagcacgga tgcattcgctc cataccctgt 180
 aatatatttt caaagatttg aaaaatgaaa taacanatat attttaaatg ctgaaaaaaaa 240
 aaaa 244

<210> 386
 <211> 256
 <212> DNA
 <213> Mus musculus

<400> 386
 attgctgcca ggctatgggt gtcccaggta ctgacaggac cacaccattg ctgtctttta 60
 gaaacttgct gggggctggc gagatggctc agtgggttaag agcatcaact gcttttccga 120
 aggtcccag ttcaaattcc agcaaccaca tgggtggctca caaccaccg taaagaaatc 180
 tgatgccttc ttctggaaga tctgaggaca gctacagtgt acttacatat aataaataaa 240
 tctttaaaaa aaaaaa 256

<210> 387
 <211> 319
 <212> DNA
 <213> Mus musculus

<400> 387
 gcccttgaaa cagtacgtgt agcctcccc agcctgaagc tggctgttgc aaaccttgct 60
 gctactgaga atgagaccac ctgggggtgga gccttccgac ctagatggct ccattgttct 120

gtcacttgcc gctgctctcc tccaagacac tgctacctgc tgagaggccc ctgagatatt	180
ccagaggcac atcctatcct gcacatcctc gcctgcaggc tggctccagg caccaagaat	240
ggattggcgg gggatgggct tccccctttt taagcacagt ctctgagtaa aatctcgggc	300
cttgatcaga aaaaaaaaaa	319

<210> 388
 <211> 243
 <212> DNA
 <213> Mus musculus

<400> 388	
tatataaaca gtaagaactg ctgaggagaa catgactatg cctgctgcct ggaagagact	60
cagacctgcc tgaaggagag attctctgtc ctggtgagct ctccacaagt agtgtaatga	120
actccagggt tctgctctt ggtgatgtag ctatatattga gttgaccctg cccctgccct	180
tgccctttta cttatattct tgtgaataac tctaataaac tcattggatt accaaaaaaa	240
aaa	243

<210> 389
 <211> 139
 <212> DNA
 <213> Mus musculus

<400> 389	
tcctgttctg gccaccctga gaaagtgtgc tgagaaccag aagaaaacaa gagctgggtg	60
taacagcact tgggacgcag tgagttccag gctagcctga tctacataga gaaagcctac	120
caagagaaga aagaaaaaa	139

<210> 390
 <211> 319
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(319)
 <223> n = A,T,C or G

<400> 390	
cgcagtatcc agcgggtgtct gggatgccca aaactgagaa cctggtatnt aggactgccc	60
ctcgtncacc acctgccgag ctgggggtcta gnggcttcac acagccagac acccaccggg	120
agccacgtgg aaaggcatgc aacagtctgc ctgccagag cactggaact ctggtagagg	180
gggggttttc tccactcca tntttcctcc acacacactg gccacantn atccactgan	240
ccttctcatt ggencctagg tttccttaat acatgccctg naacatgaca gctttatatt	300
ccaaattaaa tctggaatt	319

<210> 391
 <211> 203
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(203)
 <223> n = A,T,C or G

<400> 391

ggtgaagcac	tggtggaagg	aaaagaacac	gcaggagcga	ncagggactg	agcnantgga	60
ggtgaccgga	gcaagaagan	gtntctaaaa	ttnaattncc	aacaaccaca	tgaaggctca	120
caaccatctg	tacagctaca	agtgtactca	catacataaa	ataatgaata	actantctatt	180
tagaatgata	tgtgaaataa	agg				203

<210> 392
 <211> 311
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(311)
 <223> n = A,T,C or G

<400> 392						
tctgcatcat	tatctncatt	actctgtatc	ctccanagac	aactantctn	antcaaactg	60
caacacnatga	agataaanatg	ncnngagcaa	gaangagagg	gtgaaatcac	acagcttntt	120
catgtctgct	ggatctaaga	tggagctgtt	gtgaaatcca	tttcttatgc	aaacatcaca	180
cacacacata	tctcagtcct	tgggagatcc	cagaggactg	agttgggtga	gactgctgat	240
cttcctatgg	gtatgccctc	cttttcagct	tattaaattc	ttcccctggg	tcaaacatag	300
gggatcctga	a					311

<210> 393
 <211> 308
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(308)
 <223> n = A,T,C or G

<400> 393						
ctgtggataa	atagaggcta	cccagagaat	aaaanagcta	aaacatcatc	tntagntntt	60
cctttttttt	ttaaataaaa	ccaaaatgga	anaatgntag	cattntgnct	aggctcctcc	120
cagcagttac	ctggcaacag	ccatgtatgc	ctgattcaact	ataaaggagg	ctgcttgccc	180
ccttntcact	ctnttancct	cttactcttt	ggcccttttc	ccttttttnc	cctncccttn	240
cccctttccc	tttctgnctt	tntntntntn	tanccctcca	agtnccctnc	ccatgcccta	300
aataaaact						308

<210> 394
 <211> 415
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(415)
 <223> n = A,T,C or G

<400> 394						
gactgggacc	tactgtancc	cgacnggact	tntctgtgatt	agagagggnc	atnancccac	60
ccacaaaacc	ttcancccaa	aatgtgttct	gcctacaaga	tacacaggga	tnangatgga	120
gcagnagatt	gaggggacgg	ccaancngng	actggctaac	tcgagaccn	tnccatggga	180
gagagccnac	cctgccact	attgacactn	ggctatgctt	gcagacagtg	tgactccttg	240

acaacagtgt	gcctcgttat	ggttttatga	aaccagttaa	cagtcttcct	ccaaggtctc	300
tgcttcagtc	cctgcctcca	ggaaatgcc	tgcttggtgt	tctgctctga	cttccccccag	360
tgatggaatg	ttaccatgga	agataaaaata	aatctttccc	acatcaaaaa	aaaaa	415

<210> 395
 <211> 317
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(317)
 <223> n = A,T,C or G

<400> 395						
gcctacccca	gccctgaagc	aggttgattc	agacttgacc	tcgctgccgc	tgagcatgag	60
accacctggg	gtggagcctt	ccgacctanc	cggctctatt	gttctgtcac	ctgctgctgc	120
tcgtctccaa	gacactgcta	cctgctgaaa	ggcccttgag	ataatctgga	gacagcatcc	180
agccgatcac	ctactggctg	gcgaagggca	ccaagaatgg	attgtttggg	gggggcgggg	240
gaggaatgg	gggatggtga	tgggcggncc	ctctttataa	gtacagactc	ttagtaaact	300
ttggggcctt	gaacaga					317

<210> 396
 <211> 250
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(250)
 <223> n = A,T,C or G

<400> 396						
ataggatttc	tttgtcctgg	ctgacctgga	acttgttctg	aagaccaggc	tgtcctggaa	60
ctcacanana	tctgcctgcc	tctgttctgn	gagtgtctgna	attaaaggaa	tgtaacaccc	120
aaananaaat	ttgaactggc	tgacctgnaa	cttgntctga	agaccaggct	gtcctggaac	180
tcacagagat	ctgcctgcct	ntgntctgtg	agtgtctggaa	ttaaaggaat	gtaacaccca	240
aaaaaaaaaa						250

<210> 397
 <211> 176
 <212> DNA
 <213> Mus musculus

<400> 397						
gggttccaga	ctgccctttg	ggattcaaac	gggagccgct	ttggactgac	tggctgcctt	60
cctcctcctc	ccccctctcc	cccttctgct	tcagatttat	ttatttatatg	taagtacact	120
gtagcagttg	taggacacac	tagaccgagg	gcaccagatc	tcattgtggg	tggttg	176

<210> 398
 <211> 419
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(419)
<223> n = A,T,C or G

<400> 398
agactggtca cctactgtan cccgacagga ctttctgtga tnagagaggg gcatnaaccc 60
accacacaaa ccttcacccc aaaatgtgtt ctgcctacan gatacacagg gatnaagatg 120
gagcagagat tgaggggacg gccaccagn gactgnctaa ctcgagaccc atnccatggg 180
agagagccaa cccctgccac tattgacact cggctatgct tgcagacagt gtgactcctt 240
gacaacagtg tgccctgtta tggttttatg aaaccagtta acagtcttcc tccaaggtct 300
ctgcttcagt cctgcctcc aggaaatgcc ctgcttgtgt ttctgctctg acttccccca 360
gtgatggaat gttaccatgg aagatnaatn aatcttttcc ccatcaaaaa aaaaccaca 419

<210> 399
<211> 470
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(470)
<223> n = A,T,C or G

<400> 399
ggtctcattt tgttcctctg gctgtcctgg aactcattgt ataaaccaag ctggcctcaa 60
actcacagag attttcttgc ctctgcctcc taagtgtctg gattaaagat gtgtgtcacc 120
cacccccac cccccaatcc ctgagctctc cccagggac tggaccacca accaaagaat 180
acacatggag ggaacaggct gcaaagtga cagaggatga ccttgttgaa catctgatct 240
aaagggaatg gnagaagctn agaanaacat nctgtgatcc ctataatggc aaaaaaaaaac 300
ccaataaanc ccttgacat nggtntttaa aagcccttnc tccnggttct ttctgcngag 360
gggtaacntt ngggctntgg naaanaancn tcnnttcgat gactttaact acncnncng 420
ttggantttt tagcnttctg agagatttca gctgacagct gtcttgagcc 470

<210> 400
<211> 153
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(153)
<223> n = A,T,C or G

<400> 400
gcttagagtc gatctaaaga actacncta agcaggtoaca cantgccctt gtcctagtaa 60
ccgtatctat cccctacctc tggctcgtgc tctagaaggg agattgatgc attgaagaac 120
cccaaataaa ataggctttg aaaaatcaaa aaa 153

<210> 401
<211> 223
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(223)
<223> n = A,T,C or G

```

<400> 401
cgtgcacctt tctactggac cagagattat tcgtgcggga atcgggtccc ctncaccttc      60
cttnataant agcgtctgan cantacnntn tgagcctatg ancatnaaga cagatccctn      120
cgggacttac cagccttgga aagcaantgc aatagggcga agngctaaaa ctgtccggga      180
atttctggaa aaaaattacn canaagatgc aatttcaaat gac                          223

```

```

<210> 402
<211> 692
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(692)
<223> n = A,T,C or G

```

```

<400> 402
gataatgagg cctccgacat tgagnncagg caggtggatc tctgtgagtt ctgggccagc      60
ctggtctaca tagttagttc taggacaggc aagactacac agaaacctta tctggaaaaa      120
acagaaatgt tcagaattat tctggcttaa ggcttatgtc tgttctacaa attcaattgt      180
gaaaagtgtc aatttaagag atagctggaa gccgggcgtg gtggcgacag cctttaatcc      240
caacactcgg gaggcagagg caggcggatt tctgagttcg aggccagcct ggtctacaaa      300
gtgagctcca ggacagccag ggctatatag agaaacctg tctcgaaaaa gccccccaa      360
aaaaaagaga gagagagaga tagctggttt attataagga gaaaagtaga aaaagtaata      420
tttgaaaaat tttttaaatg aagaaaattg ggctggagag atggctctgt agttaagagc      480
actggctact gctcttctag aggtcatggg ttcaattccc agcaaccacg tggtggtcga      540
cagccatctg tgatgggacg cgatgccagt gaataaataa aggataaaca ttttgncttt      600
tttgntgntg atgctttatt ttttaagttg aaccatggg attttttagc tcattaattt      660
agatgnatat ggatgggatt tttttttaa aa                          692

```

```

<210> 403
<211> 350
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(350)
<223> n = A,T,C or G

```

```

<400> 403
gactatttaa caaactgcaa tcaacagcaa tcaacagcta tgaaccagca acctaccctg      60
cctcttgagg ccctagcatt tatataccct ctgaagagtt cccagaattc cagatgtcac      120
actatcacag aaactatcct cagctggcaa aaaatcatac ccctgctaga gcatgaggca      180
aatcatagtc agctgctgtg gacagactga accagcccca taccacacct gggattaaaa      240
caaaaacatg ttcttatatn nctgnnanc tttttctttt tttgtagaac atgattttaa      300
tattttcaac tgttaatat tcaacaacag aataattatt taagatatat                          350

```

```

<210> 404
<211> 281
<212> DNA
<213> Mus musculus

```

```

<400> 404
tctgcctttc tgggagaagg aaaaagccaa caatttgaag aacgagataa aagaagtcga      60
ggagcttgac aactggcagg gactggggag atggctccac ggttaaagg tctcgctgct      120

```

cttccagaag	gaacaagttc	agttctcagc	acccaaggga	ggctcacaac	cccctgtagt	180
tccagcatca	gagggctctca	aaccctcttc	ctgcctcacc	ggacatcctc	tcatgtgttg	240
cgtacatata	cacgaacgtt	acatataaat	aaaaagcctt	a		281

<210> 405
 <211> 317
 <212> DNA
 <213> Mus musculus

<400> 405						
ggtttctctg	tgtagacctg	gctgtcctgg	aactcactct	gtagaccagg	ctgatctcag	60
aactcacaga	actccacctg	cctctgtctc	ctgaatgctg	ggtttaaaga	tgtgtgccac	120
tggggctggg	gagatagctc	tgtggttaag	aatactggct	gctctttcag	aggacctgca	180
ttcagttttc	agcaccacaa	ggcggctcac	acctgtctgt	aactccagtt	ccagaggaat	240
tgacaccctt	ggacagtcac	gcaggcagaa	caccagtaca	cacagaaata	aataaatcat	300
ttttaaaaaa	gaaaaaaa					317

<210> 406
 <211> 349
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(349)
 <223> n = A,T,C or G

<400> 406						
aaccgggaga	taaagaagag	ccttcatgct	gtgggttatg	tgtagcttga	caccatatcc	60
cacgtgagga	aatgtgattg	tccgagtggc	attgacggat	ggtggctagg	tcattggaggg	120
tgcttcacag	tcttgcgcg	ttcagactcn	accagcaaga	ncgatgttgc	aacaggatcc	180
ttctgcacac	gttnattggg	agagcttgat	tgcatagggtg	aagagacccc	gagcccagaa	240
ctgngctgc	ttatataggc	ctaggagagg	cgtgtntcac	acccggantg	gntatgcnc	300
aagcctcatt	tgcntgttcc	ttatctgatt	ggntactctc	tctctctgt		349

<210> 407
 <211> 197
 <212> DNA
 <213> Mus musculus

<400> 407						
gtttttggcc	cttgacccaa	ggtagagtta	tttggggaga	agctcaactg	agaaagtgcc	60
tccatcagag	tggccttggg	cagccctgt	ttcagtttct	gcctccaggt	tcctgctttg	120
agttcctgcc	cgacttcccc	tgaggatgga	cctgcgatcc	aaataaataa	acaaattatc	180
caccccaaaa	aaaaaaa					197

<210> 408
 <211> 402
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(402)
 <223> n = A,T,C or G

<400> 408
 attacataac tgaagaatgc gcggttgtgt tgtggancaa tgtangagag acagcaggct 60
 gacctggcgg ccaacctact tggcacactg cacttctaaa taagaagcac ggcacactgt 120
 gccctgaaa gtcagaacac tgaattctca agtagcgggg ctggagagat ggctcancgg 180
 gtaagagcac ggactgntct tccagaggtc ctgagttnaa atcccagcna ccacatgggtg 240
 gtcacaacc acccgtaatg agatctaacg cctcttctg aagcaagcgn gtcctactgg 300
 agtgagcana ggtcctaaat tnaattccca acaaccacat gaaggctcac aaccatctgg 360
 actngntact catatacata aagtaaataa atctctgaag ta 402

<210> 409
 <211> 100
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(100)
 <223> n = A,T,C or G

<400> 409
 aaccctgtgc aatatgcact gtgtgtgaag acagcagatc ntagggacct tggagatcat 60
 tcagcggaaa catgagacca ccccttcag agtatacaag 100

<210> 410
 <211> 337
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(337)
 <223> n = A,T,C or G

<400> 410
 caaattaaga aaggaaacgg caacattcgg ggaagttacc gagcctaccc gcgtgcatnc 60
 tgtgagagca gctccgttga ggcgcactcg aacagggctg ttntgcaaga cctntanaaa 120
 atagcangcg ctgtacaaga ncctntgnga aatactgttt tcatcaacag cctggctgcc 180
 tgtgtctcca ttgtgagaca tctactgaggc ccagacagct cagtgatcaa gagctctgcc 240
 agaggtccca agttcaactc ccagcaacca catggtagct cacaaccatn tttaatgggg 300
 aacccgangt cctcttctga tgtgtctaaa gacagct 337

<210> 411
 <211> 331
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(331)
 <223> n = A,T,C or G

<400> 411
 cttacatgcc tccctgaggt tattaaattg gncgcctgtg acaagatagc aaggagggat 60
 nntgaacttt atacaaacga atcgtagggc tggagagatg gctcagcagt tttgatggct 120
 cagcagtttt gagcagtgga tgctgttccg gaggacctga gttcagttcc cagcccccac 180
 atgggtggctc acaaccttca gtaactccag ttccaggaga tctggtgccc tgttctgaca 240

tctgctggca ccaggtagat atgtggtgca cagacgggat atgcagccag tgcaccgtac	300
acataaaaata aaaattggaa aactgggaaa a	331

<210> 412
 <211> 243
 <212> DNA
 <213> Mus musculus

<400> 412	
gttatataaa cagtaagaac tgctgaggag aacagactag cctgctgcct ggaagagact	60
cagacctgcc tgaaggagag attctctgtc ctggtgagct ctccacaagt agtghtaatga	120
actccagggt tctgtctctt ggtgatgtag ctatatattga gttgaccctg cccctgccct	180
tgccctttta cttatattct tgtgaataac tctaataaac tcattggatt accaaaaaaa	240
aaa	243

<210> 413
 <211> 335
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(335)
 <223> n = A,T,C or G

<400> 413	
cattgaggac tgccgnaagc cctgtggggc catcctctgc tccatcaaca ccgacnagaa	60
ggagtgggct aagtggacga aggaggaact catcgggcag ctgaagccca tgtggaggag	120
atgtagtctc cctcccccga gcttgaaacc tgcttgctcg ggggtggagct tcctgtctcat	180
tcgtttctgcc acgcccactg ctggaacctg aggagccaca cacgtgcacc tttctactgg	240
acccgagatt attcggcggg aatcgggtcc cctccccctt ccttcataac tagtgtcgca	300
acaataaaat ttgagccttg atcagaaaaa aaaaa	335

<210> 414
 <211> 422
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(422)
 <223> n = A,T,C or G

<400> 414	
tggctatgaa gctcaagctg gctncagacc tgatnctcat aggggggctgg anagatggct	60
gagtggntaa gggcactggc tgctcttnca gaagactccn gttcanttnn cagcacnnac	120
atggcanntc acagatgtct gtaacagttt gaggggatcc antgccatct tctggcctnc	180
atgcaagcaa gtgacntaca agcatcgngc cagcaaaaaca tccatgctaa gagaatactt	240
ttagggctgg agagatggct cagcggataa gagcactgac tgctcttcca gaggtcctga	300
gttcaattcc cagcaaccac atggtggctc acaaccaccc atgatgagat ctgacgccct	360
cttccgggggt gtctgaagac aactacagtg tatttacata taataataaa taaataattt	420
aa	422

<210> 415
 <211> 218
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(218)

<223> n = A,T,C or G

<400> 415

ctgctacctg	ctgagagact	gaacctgtct	tcttgagaaa	ttcctgagat	ancggacaac	60
ctgtggactt	ggcgacctan	tgctaacagc	tctgacagac	tagngctaac	ancttancaa	120
caaagcatna	agaagcctgg	ggnggcaggg	gatgggcctc	ccccctttat	aagagcagac	180
tcttagtaaa	ctttggggcca	tgattggaaa	aaaaaaaa			218

<210> 416

<211> 259

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(259)

<223> n = A,T,C or G

<400> 416

gtcctttcct	gcatgtacac	cagaggatgg	catcacacag	ctgtgagctg	ccatgcaggc	60
tctgggaatt	gaactcggga	cctttggaag	aacagcaagt	actcttaacc	actgagccat	120
gtctccagcc	cataactgtt	tttatttgta	actattatag	tatcaaaatt	gtatgtgata	180
tannantgag	nggaaanggn	ctggcgagat	agttcagtg	gtaagaacac	tgactgctct	240
tncaaaggtc	ctgagttca					259

<210> 417

<211> 215

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(215)

<223> n = A,T,C or G

<400> 417

aagctgctac	ctgctgagag	actgaacctg	tcttctctgag	aaattcctga	gatagcggac	60
aacctgtgga	cttggcgacc	taatgctaac	agctctgaca	gactagtgtc	aacaacttag	120
caacaaagca	tnaagaagcc	tggggtggca	ggggatgggc	ctccccctt	tataagagca	180
gactcttagt	aaactttggg	ccatgaaaaa	aaaaa			215

<210> 418

<211> 669

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(669)

<223> n = A,T,C or G

<400> 418
ttaaaccctt ttgggccc aa ttttttaaaa aggggttnccc aagggtaaaa accctttggg 60
naaaggngtg ggtaagtcnc cnaacngnnc tttgggtaan cgaaccggcc nagccccctn 120
naactccctc gtcggcanc agccganttn naaccctagg gacttgcnc cncgtngggg 180
ngtgccatgt tncgccgagg agaaccggct cnaaagnccc ngcatggtaa attcccaang 240
atacgtaatc tcgctaagan nggaccccca tgtaaatcgg ctccgtaagc atgngattaa 300
gagccgcnan tnacgttggg gagnaatgca ngnattacnt cgtattggcc ctcgctctta 360
tactagnngt ngtnngcccn cgtagaggga ctaangctca acacgcggat acatgtgatg 420
ggnantatan tataacannc tcctagtgc ttctctatnt anaagagaan tttagagtag 480
aanagccnna agcncagagt nnagangact tcacgcattn tggatgatng catgatcatg 540
gtacgactgc canggacagc agccatanag aggagcna tn cagtnngcna tactcctcca 600
tggcctcagt tcctgcctcc agattttctg cttgagttcc taccctgact tccctggatg 660
atgaactac 669

<210> 419
<211> 188
<212> DNA
<213> Mus musculus

<400> 419
gtctcagaag tcagaagagg tcagtcagct cccctgggtg agctggagct acaagcaact 60
gtgaaaacta ctctgcatat tactcttcaa aagcagtaac aagtgatctt ccacccctct 120
gcctctctc tgcaagaaca gcaagtgtc ttaacctgtt aatcatggag cattttcact 180
agcataaa 188

<210> 420
<211> 171
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(171)
<223> n = A,T,C or G

<400> 420
gctggagaga tggctaggca cgttaangag cactgactgc tcttccagag gacctggggt 60
taattcccac cactacatga cagctcaca ctgtttataa ctccaagatc tgacaacctc 120
acacagacat acatgtaggc taaaacacca atgcacagaa aataaaaaata a 171

<210> 421
<211> 248
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(248)
<223> n = A,T,C or G

<400> 421
acctagagcg gcgcctgcat gcggcagacc tagggaatat ttatggagaa cgctcgtgaa 60
gataaaaaata cttgttgngg ctggagagat ggctcagcgg ntaagagcac tgactgcctt 120
tacagaggtc ctaagttcaa ttcccagcaa ccacacagta ntcacaacc atcagtaatg 180
gaatctgatg tctctttctg gtgcgtcgag aataaatgag ataaataatc ttttttaaaa 240
aacaacaaa 248

<210> 422
 <211> 262
 <212> DNA
 <213> Mus musculus

<400> 422
 aaaacaagca ggcattctaca gaataagaag aaaagcatca gaacaggaca aaacaaactg 60
 aagaaaagaa agtcaaagca agggctggag aaatggctct cagtgggttaa gatcgttcag 120
 tgactgctct tccagaggtc ctgagttcaa tccccagcaa ccacatgggtg cctcacaacc 180
 atctgtaatg gaatctaattg ctcccttctg gagtgtctga agcagccaca gtgttctcat 240
 ataaataata aataaataaa aa 262

<210> 423
 <211> 202
 <212> DNA
 <213> Mus musculus

<400> 423
 gcttggtgcc tgcagagaca cggagacacg agaagacaga ggagcatgtc ggctcccctg 60
 agattggagt gtgaggctgt tgtgagtcac catgtgcttg ctccgaactg aacctagggtc 120
 ctctgcagga gactcttaatt tcctgagtc tctctccagc ttctggcatt agtacttttt 180
 taatgtgaga aaattaaaaa aa 202

<210> 424
 <211> 212
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(212)
 <223> n = A,T,C or G

<400> 424
 ctgaaacctg cttactcagg ggnggagctt gccgntcaat cgntctgcc cagcacactg 60
 ctggagcttg ccgctttgct gtttcaaagc catcacgtgt ncacctgcaa ctttactcct 120
 agattatttg gcggnaatcg gccctnccc cttccttcat aacggagtgc tggaatagta 180
 aaaantgaac cttgacagaa aataaataaa ta 212

<210> 425
 <211> 378
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(378)
 <223> n = A,T,C or G

<400> 425
 actgagatgc acctggtgac tgacctttca tgatgagtc accctgttgg ttttttgtag 60
 cattgcagca gtttgatcct gaacttgatga gcctgctgcc ttcaccttca agtactggga 120
 ctgtcagtggt ctgccgtcat acctggttct gatttccttc tatgaaagcc ggactgtgct 180
 ggcgacgcg tttcatccca ncacttgga aggcacagcc aggccttgata tctgagtcga 240
 nggcaagnc gccctacaga gggaattcta ggacagccag gctacacaga gaacccctgt 300
 ctcaaaaaaa caaccagccg ggaanagccc ttttttaagc ccggccttna aattggnacc 360

tggcatttta taaattat

378

<210> 426

<211> 576

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(576)

<223> n = A,T,C or G

<400> 426

gatgctgaat	cttggngttt	tgcttcttaa	tttcttgaca	acatattgct	ggacatcatc	60
ttcttcagt	agactgaaaa	tcttccggat	gccgttatct	tttggggacc	ccaaccttca	120
aggcacggta	gtatctgtcc	gtctaggaat	atcctccctt	ggctccttac	aaataaccaa	180
gttgagaaca	ctcagattaa	tgtccacaaa	gcacccatga	accaactggg	atgcctgacc	240
ccagttctcc	ttggngctaca	accagaattt	cccttactga	actgcacatg	ctctgtgccg	300
tggggcaaaa	tcacttgttt	tcatgcgaaa	actttgtcat	ttccacttct	gatcaagacc	360
acataacctt	caactcttca	cacagggctt	nggtgggtac	tcctgtggca	tgaacttctc	420
atagagagga	tgaaacttta	gttagtcacc	tacttcaatg	agtttctgac	agctgggtggc	480
ttatccagct	gatcacctan	gacagtgggt	ctcaattttc	ctacnactgt	ggccctttaa	540
tacagtttct	cctgntgtga	tgaccccaaa	ccataa			576

<210> 427

<211> 248

<212> DNA

<213> Mus musculus

<400> 427

ggtttctctg	tgtagccctg	gctgtcctgg	aactcactct	gtagaacagg	ctggcctcga	60
actcagaaat	ccacctgcct	ctacctcccg	agtgtctggga	ttaaagtgtg	ccaccatgcc	120
cggcttttga	gtataagcat	tttataagag	cattctctgt	ttatagcttt	taaaagttca	180
acgtatttat	catgtataat	gttattgcat	tgctataaaa	tatatgtttt	aattttataa	240
taaaaaaaa						248

<210> 428

<211> 204

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(204)

<223> n = A,T,C or G

<400> 428

gacatggggc	atcaggaagc	aagaggcatc	agaagaaata	acatgagctg	ncatgnnggt	60
acacctntat	gccagangag	ggcatcagat	cccatcacag	acnggcngtg	anatgccatg	120
tggttactgg	aaattgacca	cannancctc	tggaagaaca	gacaattgct	cttaaccact	180
gagccatntc	tccagggccc	atga				204

<210> 429

<211> 521

<212> DNA

<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(521)
 <223> n = A,T,C or G

<400> 429
 ttcaattact atcactgtng agggaatgac ntgnatttnn tgtgaaaaat nantncnaan 60
 attgagctgn cnatccnaca ggaagcngtg cgacnagttg acctcatatc actaaggatc 120
 agggccngtc cctgngtgca gtacctcatg ggatcanaat nactcncant gctccctgaa 180
 nacctncttc cangcagntc atgagctatn ancctnccag atttgacttc catccctcta 240
 cttactgact attgaagtga acagaaagct gagccaagca gcagactttg acctgttgag 300
 aagtgtcttt acccaggaca cactgcttca agtaccatta ttcttcagcc ctgtggagct 360
 tccatttcag aagttctaga tagagaacct gtccatggcc tctgcatcag ctctgcccgc 420
 cattggttcc tgtcctgttt gaattcttgg tctaactttc ttcggtgatg aacagcaatg 480
 tggatgtgta agctaaataa accctttaat cctcaaaaaa a 521

<210> 430
 <211> 393
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(393)
 <223> n = A,T,C or G

<400> 430
 tcacgctccc ctggtggagc tggagctaca agcanctgtg aaanctactc tgcataattac 60
 tcttcaaaaag cagtagcang tgatcttnca cccctctgnc tctactctgc aagaacagca 120
 agtgctctta acctggtaat catggagcat tttcactagc ntgnangcnc gcacacacgc 180
 ataaangcat gaatctacat ncntgcngnt nacaaggact acatgagcca ccacaccatg 240
 aaagaaaggg aagncctggc caggcgggtg cagcggcgca tgcttttaaat ccagcactt 300
 gggaggcaga ggcaaggtgg atttctgagt ttgaggccag cctggtctac aaagtgagtt 360
 ccaggacagc cagggtctata cagaaatacc ctg 393

<210> 431
 <211> 205
 <212> DNA
 <213> Mus musculus

<400> 431
 cctcgaactc aggaaccgct ctgcctctgc ctctaccact gcctccagag tcctggcatt 60
 aaaggtttgc gccaccactg aatgttgggt tttgctgtct gttctcagct gtaaagccct 120
 aactaagaca tgtagtgaga tctaggtccc ccagagctac acagtgagac ctcacttaca 180
 acaaaacaat acaaaacaaa acaaa 205

<210> 432
 <211> 255
 <212> DNA
 <213> Mus musculus

<400> 432
 aaggcactta ctgcttgctt ggcaagaaaa tcaactggga gaatttaact gcagagaggg 60
 caatcaaatt cctcaatgca gggtcaccaa cagcatatct gttggaacct acttcttcag 120
 gagcccagct tatacagaag accagctgag ataactagcc tcttggaactt cctattcaca 180
 gctgcccatt gctgggttag ttagactgca gcctgtaagt catcacaata aattccctta 240

atatataaaa aaaaa

255

<210> 433
<211> 340
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(340)
<223> n = A,T,C or G

<400> 433
cctggaactc aatctgcaga ccanattggc cttgaactca nagactgctt gcctcccaag 60
aactaggatt taagatgtgc acctcagggc tggagagatg gctcagtgtt taagactgct 120
cttccanagg ccctgagtcc aaatcccagc aaccacatgg nggctcacia ccatcngtaa 180
tgagatctga ngccctcttc tggngtgnct gaagacagct acagtgtact tatatatnat 240
aaanaaatct ttttttttta aaanagctgn ggacaaancc cccatnccct nggctggctc 300
gtccacacann aagggcagcc atgtactctc ttccttcggg 340

<210> 434
<211> 186
<212> DNA
<213> Mus musculus

<400> 434
gtttttggcc acttgaccca aggtagagtt atttggggag aagctcaact gagaaagtgc 60
ctccatcaga gtggccttgg gcagtttctg cctccagggt cctgctttga gttcctgccc 120
gacttcccct gaggatggac ctgcatcca aataaataaa caaattatcc accccaaaaa 180
aaaaaa 186

<210> 435
<211> 354
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(354)
<223> n = A,T,C or G

<400> 435
actgaggcaa gcagcctgtn cacgaggccc tagntactta nngaggaacn atcccagggtc 60
atgnnnngnat ncangnatnn anccatanan ccattnagta aaccanccat ccagccatcc 120
agccatccac caaccagcc atccagccat ccagcaacc agccatccag ccatccagca 180
accagccat ccagccatcc agcaatagca aaagcagcaa atgcagcagc agggaccaac 240
agcaggggga gcagtagccc ccgccccagg ctctctggga gctcttgaat ttataccctc 300
tcaagagtcc ccagaattcc aaatgcaaac tatctgcagg gggcaaaaat catt 354

<210> 436
<211> 374
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

<222> (1)...(374)
<223> n = A,T,C or G

<400> 436
gtggcatctg tcctcatcct gtgcttggag cctgnccatg atgaatatgg aaccgaagtt 60
ctttgaagaa gtgacatggt cactcaagct caagactttg cacatgttag gttttgctac 120
gctgcccagg atatccttga actcacttga acttggaaac ctctctcttc acactccga 180
gtcgctggga ctataggcct gtatctgaag gtcaggcttt gntgggtgtt ngttttaga 240
cagggtttct ctgtgcagcc ctggctctgc tggaaactcac tctgtagatc aggctggcct 300
tgaaccgata tccatctgcc tctgcttcct gaggccaag attaaaggca atcacaacca 360
ccccaaaaaa aaaa 374

<210> 437
<211> 202
<212> DNA
<213> Mus musculus

<400> 437
gcttggtgcc tgcagagaca cggagacaga gaagacacga ggagcatgtc ggctccccctg 60
agattggagt gtgaggtcgt tgtgagtcac catgtgcttg ctccgaactg aacctagggtc 120
ctctgcagga gactcttaat tcctgagtc tctctccagc ttctggcatt agtacttttt 180
taatgtgaga aaattaaaaa aa 202

<210> 438
<211> 219
<212> DNA
<213> Mus musculus

<400> 438
gagagaaatg caccgaagaa cttctcgtgg tattccagct agttctggcc agttctgctg 60
acttgctgctc atttggtgga gccttcggga tttctgctgg atggggcctc tgctactggt 120
tcatgtttgg tgtttgctat tgaactggac tgctgggtatc ttgacaatga agagtgggaat 180
tgcccccaag aattaaacag gtccatgatc cccttaaaa 219

<210> 439
<211> 141
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(141)
<223> n = A,T,C or G

<400> 439
gctttcacta tggagtcttg gctagcctgg aacacacaga gatgtatctn ccctgctgg 60
gattaaaggc ctanctnaca ctanccagaa ttttacagaa naagaangag gaggangagg 120
aggaggagga ggagaaggag g 141

<210> 440
<211> 130
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

<222> (1)...(130)
 <223> n = A,T,C or G

<400> 440
 tttaatgtac acatgcaaga acaaaagcct gtgaagctgg aacgcaactg aactnctggn 60
 tantncagca ccaaattctgn cngcatcatg ccanacttnn caccatgatg ataatgaact 120
 gaacctctga 130

<210> 441
 <211> 789
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

<400> 441
 aactgtttaca acctcaagtc tttgaattcg aataagtgca gcttgcttac ctgactcttc 60
 cggcgggcct cgtacatggt ctgctctagg cgggatgggtg cagttgtgat gtgctaagca 120
 taaggcctcg gccattctcc agcaccatga acgccatagt cgccctctgc cacttctgcg 180
 agctccatgg cccccgcacg ctcttctgca cggaagttct acacgctccc ctgccccagg 240
 gggccggaag tggggacagt cctgaccagg ttgagcaggc tgaggaggag gaggggtggca 300
 ttcagatgag cagccgggtc cgtgcccaca gccagcctg ggtgccctac ggcaagtgac 360
 cggcagccct gtgcacaaag gataaaaaat ctcttaggca gaagcaggca gcacatctac 420
 agaaaacaca atccctttca aatgtttttt aaaaatcact gctgggcagt ggtgatggcg 480
 cacaccttta atctcagcac taggaaggca gaggcagagg aatcttctag gagtttgagg 540
 ccagcctgtc tacagagtaa aggcccanga caagcgtaag ctacacagaa aaccttggtc 600
 tgaaaaaacc aaaaccaacc agaaagaaag aangaangaa ngaangaaag agagagagag 660
 agagagagag agaganagaa agaaagggaa ggaagaaaag aancttggnn tanccctntt 720
 tgcaatgact tggttgaaaa aacnttcttt ttangnggna caactttttt taagcggttaa 780
 aaaaaaaaaa 789

<210> 442
 <211> 402
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(402)
 <223> n = A,T,C or G

<400> 442
 attccgagat gcatttccag actagaaccc agacaatgag ccgctggccg gacacaacag 60
 atctggtgcc cagcggggac tgagaaaagg cagaggacat ttagaagaag cactgctggt 120
 ttggagctcc atagaagaag aaaataatta gaggaaatc atactgagaa gattgaccc 180
 aaacagctac cttattaggg aagggaaaaa caggttctcg ccacagaatg ctgcagaagc 240
 atgatggtta attcgtgtga cgagctggca gcctagcaag gttggctgtg accatcccct 300
 gcttaagcgg agccatctgc tgtgctgctc ctttgatgtg ccactacctg ctgaggncna 360
 cctggctgag gccaaaccgg tctcttccaa gaattttccg ga 402

<210> 443
 <211> 488
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(488)

<223> n = A,T,C or G

<400> 443

gagccacacc	cgtgcacctt	tctactggac	cagagattat	tcngncggna	atcgggaccc	60
ctcccccttc	cttcataana	agaactttan	nngtanacac	caaactntgn	tcataacanc	120
ancancatnn	acaannnttg	gataatcggg	atggccttgaa	gcgggtggcaa	ataggggaaa	180
tcgcttccaa	gatcggggcag	ctgtattacc	actattatct	acgaacttct	gagaccagtt	240
atctgaatga	ggcttttctcc	ttctactctg	caatcagaca	gagatcatac	tactctcaag	300
tcaataaaga	ggacaggcct	gagttggttg	ttaagaaact	ccgatactac	gcaagattta	360
tagtagtttg	cttcttctta	acaaaatgga	cgttgtgaaa	gacctggtaa	aggaattgtc	420
tgtgaaattg	aagattatac	tcacgcgttt	aatactgaag	atcaagtcna	gtggaaccct	480
ggtgcttt						488

<210> 444

<211> 368

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(368)

<223> n = A,T,C or G

<400> 444

gagatcatgg	aaagcaccca	ggtgattgac	tgggatgctg	aagaagagga	agagacagaa	60
ctatccagtg	gctccttggg	gtatagtgtg	gagcctatag	ggcagctacg	tctcttcagt	120
ggaactcatg	gaccagaaag	agatttcccc	ctctaccttg	gcaagaatgt	agttggtcga	180
agccctgact	gctctgtggc	cctgcctttt	ccatccatct	ccaaacagca	tgcagtaatt	240
gaaatcccag	caaccacatg	gnggctcaca	accatccgta	acgagatctg	ncgccctctt	300
ctggagtgtc	tgaagacagc	tacagtgtac	ttacatataa	taaataaata	nnttttttaa	360
aaaaaaaa						368

<210> 445

<211> 264

<212> DNA

<213> Mus musculus

<400> 445

agactgagat	tgtgtccagg	ctatgggtgt	cccagggtact	gacaggacca	caccattgct	60
gtctttaaga	aacttgctgg	gggctggcga	gatgggtcag	tgggttaagag	catcaactgc	120
ttttccgaag	gtcccagagt	caaatcccag	caaccacatg	gtgggtcaca	accaccgta	180
aagaaatctg	atgccttctt	ctggaagatc	tgaggacagc	tacagtgtac	ttacatataa	240
taaataaatc	tttaaaaaaa	aaaa				264

<210> 446

<211> 207

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(207)
 <223> n = A,T,C or G

<400> 446
 cactgaggct tgctgcctgc anagacagga gacngagaan acagaggagc atgtcggctc 60
 ccctgagatt ggagtgtgag gtcgttgtga gtcaccatgt gcttgctccg aactgaacct 120
 aggtcctctg caggagactc ttaattcctg agtcatctct ccagcttctg gcattagtag 180
 ttttttaatg tgagaaaatt aaaaaaa 207

<210> 447
 <211> 396
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(396)
 <223> n = A,T,C or G

<400> 447
 gatgaaaact gagacacacc agaagaggtt gggagccacc aggtggttgc tgagaattga 60
 actcaggccc tctggaagag cagtcagtgt tcttaactgc tgagccatct ctccagcccc 120
 caacatattt ttttcttcat tgtggggagc cgtgagcaat tgccatcatg agcctccgct 180
 gtgccctaact ggtaaacaaag taatgtgcgc aggtgcaaga gtaaattcgt gccaagtcac 240
 tgcccatccc ggggcatagt annngggnga tgagtgcgca gctaatacagg agctgacacg 300
 tcacatggag ggggtatataa gcagcatcat tttccttgtt cgggggttgtt cttctttcgc 360
 ctatgcaatc aatgctctcc caataaaccg tgggcc 396

<210> 448
 <211> 402
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(402)
 <223> n = A,T,C or G

<400> 448
 aactgagaaa gaagagaanc cgggcgggtg tggcgcacac ctttaatccc agcacctggg 60
 aggaagaggg aggcagattt ctganttcga ggccagcctg gtctgcaagg tgtatgagnc 120
 ttttgctgc atgatgtctg ngcaccatgt gaatgcaatg cctatggagt ccanaaaggg 180
 tgtcaagatc tcctggaact gaaagtacag ttgtgagctg catgtggggg gcctgaaaaat 240
 tgaacccagg tcctctggaa gagcagtcag cccccccaaa tcnctgaggc atcttttcag 300
 ctcttcctta tctgcttttt acananttng ggggggggtt ngaaccnaag ggctccttgn 360
 atgnttaacc aagncnttt tccaaaaaaa tttcaacccc ca 402

<210> 449
 <211> 263
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(263)
 <223> n = A,T,C or G

<400> 449
tctttgagag cctctaccag cagctgactg agacagaagc agatacttac agccaaccaa 60
ctctgaggaa nagttggggg aaggactgaa ggagctgaag ggggnggcaa ccccatagga 120
agaacaacag ggncaactaa cctggatcct aaaaactccc anagcttaac cccnaatcaa 180
gagtttaciaa gggctggcca tgggcctgtg ggncatactc acataaggct tcttgnctgg 240
cttcaanggg aaaagatggt ttt 263

<210> 450
<211> 233
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(233)
<223> n = A,T,C or G

<400> 450
cgggtgctctc ctggctcntg ccngtttgat gaacttggca agagacagca caagagagac 60
tcctgctgct gctgctgctg cctccgcccc tgetactgct gctgttgctg ctgntgctgc 120
tgtgagagat gccacctgaa gccaggaggg aaggaagngg gaggagaccg gcctaagcag 180
gcttaatttc attatgaatt cctgcctatt ctgagcagat tgtcccaaaa ttt 233

<210> 451
<211> 329
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(329)
<223> n = A,T,C or G

<400> 451
atgctctcaa taatcaacca cttgtgtctt gtgggggagcc accctcacat tcgccgttac 60
aagatggcgc tgacatcctg tgttctaagt ggtaaacaaa taatctgcgc atgtgccaaag 120
ggtagtctc cactccatgt gntctgcctt ccccgagaga ncnactnnnn cgangggctg 180
cattccaatc anggagtgc acgccctttg cgatatnata attttcctta aaaagggnatg 240
gggtttcacc attctctntt ttgggctttt tncctgctct cttngcttct nttgngctct 300
ggctcctaaa aagattgtaa gcactcaaa 329

<210> 452
<211> 381
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(381)
<223> n = A,T,C or G

<400> 452
agcactgagg aaagtgaac agagggaagg gactgtctga caaaccagca cacctgaagg 60
gctctccctg tgcgcctgcc cgaggaggac gaagggagag angaagaagg anaagaagaa 120
gaanaagaag gagangaaga anaagangga gaagangaag aagaanaaga agaagatnaa 180
ganntggant nntnttctt tttttttttt gnnntngnag cttntctctg nctgcacagt 240

```

gggttccagg ccagtctgga ctgcacagtg ggttccaggc cagtctggac tgcacagtgg 300
gttccaggcc agtctggact gcacagtggg ttccaggcca gtctggactg cacagtgggt 360
tccaggccag ctgggctgc a 381

```

```

<210> 453
<211> 199
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(199)
<223> n = A,T,C or G

```

```

<400> 453
agactgagtc gaggtgtgaa aaaattctaa attcagttga agttcctgat gaagagacac 60
aattgagatt tttttttcca gtgataaaaa ctgcntatatt ggggctggag anatggctca 120
gctnttaana gcgccaactg ctcttcaaaa ggtcctgagt tcaaattcca gcaaccacat 180
ggnggctcac atccatccg 199

```

```

<210> 454
<211> 309
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(309)
<223> n = A,T,C or G

```

```

<400> 454
ctctcttttct cgtatttttcc anctttaatn cctcagtttt cnnnccctgcc ctcnctgngc 60
ctgcnntgcc tgaaaagacc agaagagggc atnagatgcc gtngattgna antacagacg 120
gttatgagga gccatgtggg ntgctgngaa tcnaacctan gtccctctgaa agagcaactg 180
ntgntcttaa ccaccaagcc atctcttcag cctncaggaa tgntatttnt gaggaaagcc 240
aggcntgatt ctaaangnnn acctttttaa ttataactac ttattatttt cctgggatgg 300
gctaaaaaa 309

```

```

<210> 455
<211> 263
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(263)
<223> n = A,T,C or G

```

```

<400> 455
ctccagtgcc ttgcttgcc tgcctgctgcc ttgctccctg cnttgataat catggactaa 60
ccctctaaaa ccatattttg gccttctgat cactagccca catcaagaaa aaaatatttt 120
gctgggcggt ggtggcacac gccaatcca gcaactcagga ggcagaggca ggcggatttc 180
tgagttcgag gccagcctgt tctacaaagt gagtgccagg acagcctggg ctacacagag 240
aaaccctgtc tcaaaaaaaaa aaa 263

```

```

<210> 456

```

<211> 181
 <212> DNA
 <213> Mus musculus

<400> 456
 actgaggatt ctggcatata ctgaagacca gctgagaccc agcctcgtag actgaacaac 60
 cactgcattc ttgcgtcttc tcttcatagg cagccattgc ttgatgagct ggaccacaac 120
 ctaagaagaa gaagaagaag aagaagaaga agaagaagaa gaagaagaag aagaagaaga 180
 a 181

<210> 457
 <211> 225
 <212> DNA
 <213> Mus musculus

<400> 457
 gactgagctg ctacctgctg agagactgaa cctgtcttcc tgagaaattc ctgagatagc 60
 ggacaacctg tggacttggc gacctaatgc taacagctct gacagactag tgctaacaac 120
 ttagcaacaa agcatcaaga agcctggggg ggcaggggat gggcctcccc cctttataag 180
 agcagactct tagtaaactt tgggccatga ttggaaaaaa aaaaa 225

<210> 458
 <211> 257
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(257)
 <223> n = A,T,C or G

<400> 458
 actgagcagt ccctcctctg gcccacacac ggngtctcca tctcttgctt tgctggcaag 60
 caacctgtcc atgcctccaa gtgacctccc acctggtggc acatgcattt aatcccagca 120
 ctagggaggg aggtggatct ctgtgagttc aaggccagcc tgggtctacaa agtgagttcc 180
 aggacagcca gggttgttac acagagaatg ctacaatgct taaaatattg tgtcttaaaa 240
 aaccataaaa gaaaaaa 257

<210> 459
 <211> 385
 <212> DNA
 <213> Mus musculus

<400> 459
 aatggatact agccataaag tacaggatac acacagaagc taaacaagaa ggaagaccca 60
 agcaaagatg cttgaatctc tcttagaaag gttcactcca tcagcagctg actaaaacag 120
 atgcagagac ccacagccaa acattggatg gagtttgggg actcttatgg aagagatgaa 180
 agaactgagg gccctgaagt ggataggaac tccagaggaa gaccatcatg gaccctaaca 240
 tggacctttg ggtctctcag agactgaacc aaccaaagaa catacatgtg ctggacctag 300
 aacctctgca catatgtagc aaatgtgcag ctctatcttc atgtgagtcc cccaacaact 360
 ggagcagggg ctatctctaa aactg 385

<210> 460
 <211> 315
 <212> DNA
 <213> Mus musculus

```

<220>
<221> misc_feature
<222> (1)...(315)
<223> n = A,T,C or G

<400> 460
gaatcggcag acagaagngg aagaagcctt tggagagagc cagangccga cagaggacgg      60
aagagncgaa gnggctattc ctggttgncn nctngncnnt atttggaatg aactacaatc      120
cggaattgga aggtcacca gtgaccctta tctggaggct ngganatcct tatctggatc      180
ttggnatgaa gancttgagc catattggct atggattcca gaagantgaa tctccgagnt      240
taaggaacac acctttaatc tgggctacgc ctttcatctg ggattaaagg tgtggtggaa      300
cacagacctt acaca                                     315

<210> 461
<211> 196
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(196)
<223> n = A,T,C or G

<400> 461
agatgtgtgt caccacccn ccacccccca atnontgagc tctccccag ggactggacc      60
accaaccaa gaatacacat ggaggaaca ggctgcaa atgacagagg atgaccttgt      120
ttgaacatct gatctaaagg gaatgggaga agcaaagaaa aacatcctgt gatccctata      180
atggcaaaaa aaaaaa                                     196

<210> 462
<211> 208
<212> DNA
<213> Mus musculus

<400> 462
gactgaggct tgggtgcctgc agagacagga gacagagaag acacgaggag catgtcggct      60
cccctgagat tggagtgtga ggtcgttgtg agtcaccatg tgcttgctcc gaactgaacc      120
taggtcctct gcaggagact cttaatcctt gagtcattct tccagcttct ggcattagta      180
cttttttaat gtgagaaaaa taaaaaaaaa                                     208

<210> 463
<211> 209
<212> DNA
<213> Mus musculus

<400> 463
gactgaggct tgggtgcctgc agagacagga gacacgagaa gacacgagga gcatgtcggc      60
tcccctgaga ttggagtgtg aggtcgttgt gagtcaccat gtgcttgctc cgaactgaac      120
ctaggctcctc tgcaggagac tcttaattcc tgagtcattct ctccagcttc tggcattagta      180
acttttttaa tgtgagaaaa taaaaaaaaa                                     209

<210> 464
<211> 409
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(409)
<223> n = A,T,C or G

<400> 464
gaccctgaga atcttgagca ggaaggacct gaatgaccta atgattaact ttcgtgggtat      60
cagaaggtag catgcaagct tccaaagaag ggaaacaacc agcatcctat gtagctgtga      120
cagctacgaa ctggaagtaa tttgaaagat gattccaaga gtttcagcat tgaccttcgg      180
agctctaagg ctggccaaaa acttgagctt ggtgatcctc tgcttagtct gttggggagg      240
gtgggacact aggcattgag tactgtgctc agttttgaaa gcaactttaa ataaaacatt      300
ttaatttnna ggacagggac accaacaacac naatggggcc gccnnnggan ttnattgata      360
aggaccagga cattaatgac naccctgnan agtttttgcc tgaaattat      409

```

```

<210> 465
<211> 397
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(397)
<223> n = A,T,C or G

```

```

<400> 465
agccccaaga ggggtctgtg tggctgctgc tctccctggt gttcctgttg ccacttttga      60
ttgctggatt gctggattgc tggattgctg gattgctgga ttgctggatt gctggattgc      120
tggattgctg gatngctggg ttgctgggtt gctggattgc tggattgctg gattgctggt      180
tggagatatc ctgaagacag agattggact ttccccaagg aaccaacat ccctaatacag      240
caggaaatag tctaaagagg tctacgacct ttttctctc taaccgtctt tctctctac      300
ctagtgtgta agggttggaa ggatttgggg ccggaataag ggggttaaag agtggtgaaga      360
tgtaagaact nnataaagnt ggcccaaaa aaaaaaa      397

```

```

<210> 466
<211> 119
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(119)
<223> n = A,T,C or G

```

```

<400> 466
agccaccggg tccacggngg ttcaagacct aaactcaact ggagaccang ctgtctatgc      60
ataaccattt gccccacgt gtgtgtgtgt gtgtgtgngt gtgtgtgtgt gcgtgtgtg      119

```

```

<210> 467
<211> 117
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(117)
<223> n = A,T,C or G

```

<400> 467
cctgacctcg ggtccnacgg gggttcaaga cctaaactca actggagacc aggctgtcta 60
tgcntaacc attgccccca cgtgtgtgtg tgtgtgtgtg tgtgtgtgtg tgaggggc 117

<210> 468
<211> 192
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(192)
<223> n = A,T,C or G

<400> 468
agtacgaagg aaatgtgncc acaaggcggc agtagaactc aaaaacttga agagntttna 60
aangactgat cctggagaga cggctcactg gttaatanna gtgactgcta ttccnanggn 120
nctgagttcn tttcccagca accacatggn gactcacaac catcngtatt gggatctgat 180
accctcttct gg 192

<210> 469
<211> 406
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(406)
<223> n = A,T,C or G

<400> 469
ctgagagcac actgcccgtg agaagtgtcc atgatgcaaa gcttgggaag actgagaaga 60
agacacataa gtaggattcc ccatacatct tatgggtgac ctccatatga accacatatg 120
cagtcacaaa tgatgttccc tccttaatcc tncgtctnga tacgaagctt tcagtcctgt 180
ggcacactca agtcctgaag taccggctgt naagcccttg gcttggactc ttgaaacacc 240
agttaccagt gtcactgtaa cagggcccca gaccttagca caatagactc catgatggaa 300
gtaccattca ggctgtaaaa cagcaccacc tgccaaaact aaaacaagag gcctaatacca 360
tcaaacccca tagtcccggg aaaggctcta aacatattaa ccctac 406

<210> 470
<211> 252
<212> DNA
<213> Mus musculus

<400> 470
ctgagattgc tgccaggcta tgggtgtccc aggtactgac aggaccacac cattgctgtc 60
tttaagaaac ttgctggggg ctggcgagat ggctcagtgg ttaagagcat caactgcttt 120
tccgaaggtc ccgagttcaa atcccagcaa ccacatgggtg gctcacaacc acccgtaaag 180
aaatctgatg ccttcttctg gaagatctga ggacagctac agtgtactta catataataa 240
ataaatcttt at 252

<210> 471
<211> 284
<212> DNA
<213> Mus musculus

```

<220>
<221> misc_feature
<222> (1)...(284)
<223> n = A,T,C or G

<400> 471
actggggtccc gtggagtcct ggaacccaga tggcgaccgc tgctgctgag gctgaggccg      60
cctcccaagc caggcggaca cctgtcctct ggteccgatg gtggccggct gtctgcggcc      120
cgccaagggt gctgcctcag cggctctgtg cttecgcccg tccanaagc tgtccggttc      180
tctggcgcac cctctaacct gttcagacta atttccttgg aaaggtcttt cttgaatacc      240
ttgtaaaaat aaagaagctt taataaacag attttactat taaa                        284

<210> 472
<211> 334
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(334)
<223> n = A,T,C or G

<400> 472
actgggatgc ctgactnatg atgctgtgct tgtgnacttt nctggngang agnagaantt      60
gctgggtcct tcctatgaag agngctttac acacgatgtg cngctgnaga cctacttang      120
acctcactgt tattggccac acttgggaga gactatcata ttgggaggac nttgcctnt      180
tccccatgac ttgagaggca nncttcatgt gcnanctgat acncatacng cctctgagga      240
aattttantn tntncngcaa gcncatgatga aaaagcaaaa ttgccnggca gtggtggagg      300
acacctttna tcccagcact tgggaggaag aaac                                334

<210> 473
<211> 179
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(179)
<223> n = A,T,C or G

<400> 473
acctgcctga aggagagatt ctctgtcctg ttgagctctn cacaagtagt gtaatgaact      60
ccagggttcc tgctcttggg gatgtagcta tatttgagtt gaccctgccc ctgcccttgc      120
ccttttactt atattcttgc gaataactct aataaactca ttggattacc agattggaa      179

<210> 474
<211> 392
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(392)
<223> n = A,T,C or G

<400> 474

```


tgagtctttg	tcttcctgng	ngggtgaggg	ctgaggtata	ncctgtgcag	aggccataat	60
atcntnttgt	ggaactntcc	cggtatncac	aggacacatg	gctggatcca	tatagaaaga	120
aagaagagag	ggtgnnanaa	nncttattgn	aangnggaac	aaanataccc	atgggaggan	180
atacaaagtg	tggagcanag	actgaaggaa	aggccatcca	gagactgccc	nacctgggga	240
tccatcccat	atacagttac	caaaccaga	cactattgtg	gatgccaaaca	ngtggttnct	300
tgacaggagc	ctgatattag	ctgtcntoct	agagaggctc	tgccagtgnc	tgacaactac	360
agaggtgnga	tgctcttcat	ccaaaccatt	tg			392

<210> 475
 <211> 189
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(189)
 <223> n = A,T,C or G

<400> 475	
gatcacagag	acctaggaac
nggaagagan	ggntcaccgg
gtaatgaaca	ctngacngct
60	
cttccaaang	agnctgagtt
caactcccan	caaccacatg
gtggctcaca	accatctgta
120	
angagatcng	acgcccctctt
ctgggtgtgtg	nnanacacan
gtacnangcn	gttgcataca
180	
taatgaata	
189	

<210> 476
 <211> 258
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(258)
 <223> n = A,T,C or G

<400> 476	
tgactggctc	accagcggac
tcaaccctga	aacagggang
agatgtgggn	tnccctcccc
60	
cagnctgaaa	cctgnttgct
cggggaggag	cttnctgctc
attcgttctn	ccacgcccac
120	
tgntggaacc	tgaggagcca
cacacgtgca	cctttctact
ggaccagaga	ttattcggcg
180	
ggaatcgggt	ccccctcccc
ttccttcata	actgngngtng
caacaataaa	atttgagcct
240	
tgatcaggaa	aaaaaaaa
258	

<210> 477
 <211> 212
 <212> DNA
 <213> Mus musculus

<400> 477	
tttgtggagg	gatcttttga
gaaatatctg	gaacggttgg
gagatcccaa	ggagagtgcct
60	
ggccagaaat	tcagctgaga
gcaacagctc	tcaaagctgt
ttgtgtctcc	agctactctc
120	
tgaaccagct	cccgcagagga
ggcaggagac	tagcctcaga
tttacaattt	gcatttgaat
180	
aaagtaccta	gacttccccg
aaagaaaaaa	aa
212	

<210> 478
 <211> 214
 <212> DNA
 <213> Mus musculus

<400> 478
 agtatgtgga gggatctttt gagaaatatt tggaacggtt gggagatccc aaggagagtg 60
 ctggccagaa attcagctga gagcaacagc tctcaaagct gtttgtgtct ccagctactc 120
 tctgaaccag ctcccagacag gaggcaggag actagcctca gatttacaat ttgcatttga 180
 ataaagtacc tagacttccc cgaaagaaaa aaaa 214

<210> 479
 <211> 283
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(283)
 <223> n = A,T,C or G

<400> 479
 tgaagcaggc tgatccatac tttgaccttg ctgccactga naaggcaatn acctaagggtg 60
 gagccttccg acctagatgg ctcttttggt ctatcacctg ccantgctct ctncaagaca 120
 ctgctacccg ctgngaagcc cctgagacat tctggaggaa catnctattc tgcacatcgc 180
 ctacaggctg actccaaaca ccaagaatgg actggcgggg gatggacctt cccctttata 240
 agtagactcc cgtagtaaac tggagggcct tgaaaaaaaa aaa 283

<210> 480
 <211> 275
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(275)
 <223> n = A,T,C or G

<400> 480
 agactgagac tagcctagca taactgtctt ctgagaggct tnatccagca actgatggaa 60
 acagatacag agacacacnc ccaaacatta agtggagctt gggagaattc cttggaagag 120
 agggatgatg gactgaagga gccaganagg tcaaggacac cagaagaaaa cctacatgaa 180
 ttaactaacc tgggttgtgg gactcacaga aattaattac caaagancat gcnncaggaa 240
 cgcagatgtc gtgagatgcc aggacttgga aggtg 275

<210> 481
 <211> 564
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(564)
 <223> n = A,T,C or G

<400> 481
 ccctgaacaa ttgattcaga cttgacctcg ctgccgctga gcatganacc acctgggggtg 60
 gagccttccg acctatccgg ctctattggt ctgtcacctg ctgctgctcg tctccaanac 120
 actgctacct gctgaaaggc ccttgagata atctggagac agcatccagc cgatcaccta 180
 ctggctggcg aagggcacca agaattgatt gtttgggggg ggcaggggga ggaatggttc 240
 nctctctttt tttttatttt tntcaatttt cntttttttt nttttttttt ttttaatttt 300

atatttttnt	tcttntaact	tttttcttnt	nnnttttata	tnntttat	ntatctactt	360
natnttttat	tnnctttnt	ataattntat	atgngatatn	tttatanttt	ctttatat	420
tatcttnttc	catnntntnn	nttntttant	nataatnctnt	ntatgntntt	ttanntttgt	480
cttnagctnn	atgttctatt	nttttatgnt	tannntttatt	tnnttctttc	atactat	540
attntctntt	tctttatata	atta				564

<210> 482
 <211> 359
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(359)
 <223> n = A,T,C or G

<400> 482	
aagaaacatt	ttcccaacaa
agaaattgct	gtggagagcc
cgctgngcct	aactagtaaa
ncactcccat	tctcgggggtg
tcacgccata	tcaggtgctg
cggtttgggg	tcttcttgaa
tgtggagagc	cttgctgcga
gtgccgcgag	caatcgccat
acgcaggtgc	gagagtgaac
ggtgatgggc	nancatctan
ctgcggggtta	taaaagcagc
gaagtaagca	ataaagcttt
tgccacggaa	aaaaaaaaa
	60
	120
	180
	240
	300
	359

<210> 483
 <211> 159
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(159)
 <223> n = A,T,C or G

<400> 483	
tggacagaga	actctcangt
aagaaaacaa	gagctgggtg
tctacataga	gaaagcctac
caagagaaga	aagaaaaaa
tctgtttctg	gccaccctga
tgggacgcag	tgagttccag
gctagcctga	
	60
	120
	159

<210> 484
 <211> 137
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(137)
 <223> n = A,T,C or G

<400> 484	
cactgaggaa	tctttgccta
gaaacccttt	ggacttccat
gactgtaagt	catcaat
catgaattac	agagttccca
agacaaggaa	agagattttc
tngttgggaa	ttgagctgcc
	60
	120
	137

<210> 485
 <211> 273

<212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(273)
 <223> n = A,T,C or G

<400> 485
 cactgatgac attggctggc cagcgagtcc ctggagtctg ctgtcttcac cggctgtcac 60
 cactgggtta cagctgtgtg caactgtgct cagcttttac atagatgctn agggctctac 120
 actgaggttc tcaggcttgc atgaaagcac tcatcaccca ctgagccatc tccccagtca 180
 cagatcagnt attcgtnat aaaaacttat gtagttttat atgtanagga aatttatttt 240
 cccagcatat acatgacttg ttaataaata ttg 273

<210> 486
 <211> 199
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(199)
 <223> n = A,T,C or G

<400> 486
 gcctgtgtt gaatttctaa ggagtttgcc ttggaagaat cagacagcag gatggacttg 60
 ggaggacacc tantggcaga gcantnnctt ncntggaact ntcaatgtan accaggctgg 120
 cctggancta anagagataa cctgcctctg actcctggat actggnatta aagggattca 180
 acaccattca aaaaacata 199

<210> 487
 <211> 200
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(200)
 <223> n = A,T,C or G

<400> 487
 actgaggtct cataagtcag aagaggncac gtcagctccc ctggtggagc tggagctaca 60
 agcaactgtg aaaactactc tgcatattac tcttcaaaag cagtaacaag tgatcttcca 120
 ccctctgccc tctcctctgc aagaacagca agtgctotta acctgttaat catggagcat 180
 tttcactagc aaaaaaaaaa 200

<210> 488
 <211> 127
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(127)
 <223> n = A,T,C or G

<400> 488
 tgggtggagct ggagctacaa ncaacttgtn angaactact ctgcatatta ctcttcanaa 60
 gcagtaacaa gtgatcttcc acccctctgc ctctcctctg caagaacagc aagtgtcttt 120
 aacctgt 127

<210> 489
 <211> 136
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(136)
 <223> n = A,T,C or G

<400> 489
 tgggagaact actctgcata ttactcttca naagcannaa caagngatct tgcacccctc 60
 tgcctntcct ctgcaagaac agcaagtgt cttaacctgt taatcatgga gcattttcac 120
 tagcaaagaa aaaaaa 136

<210> 490
 <211> 201
 <212> DNA
 <213> Mus musculus

<400> 490
 agactgaggt ctcagaagtc agaagaggtc agtcagctcc cctggtggag ctggagctac 60
 aagcaactgt gaaaactact ctgcatatta ctcttcaaaa gcagtaacaa gtgatcttcc 120
 acccctctgc ctctcctctg caagaacagc aagtgtcttt aacctgttaa tcatggagca 180
 ttttactag caaaaaaaaa a 201

<210> 491
 <211> 156
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(156)
 <223> n = A,T,C or G

<400> 491
 tcttccccta gtggccttca natgaagnn tagagctctc acnctcctcc tacaccatgt 60
 tgccggaaca ctgacatgct ctgccttgat gataacagac tgaaactgtg aacctgtaag 120
 ccanccccaa ataatattg ttgcataaa aaaaaa 156

<210> 492
 <211> 160
 <212> DNA
 <213> Mus musculus

<400> 492
 ggtggagctg gagctacaag caactgtgaa aactactctg catattactc ttcaaaagca 60
 gtaacaagag atcttccacc cctctgcctc tcctctgcaa gaacagcaag tgctcttaac 120
 ctgttaatca tggagcattt tcactagcaa agaaaaaaaa 160

<210> 493
 <211> 197
 <212> DNA
 <213> Mus musculus

<400> 493
 gactgaggtc tcagaagtca gaagagggtc gtcagctccc ctggtgggagc tggagctaca 60
 agcaactgtg aaaactactc tgcataattac tcttcaaaag cagtaacaag tgatcttcca 120
 cccctctgcc tctcctctgc aagaacagca agtgctctta acctgttaat catggagcat 180
 tttcactaaa aaaaaaa 197

<210> 494
 <211> 179
 <212> DNA
 <213> Mus musculus

<400> 494
 agactgaggc ctcagaagtc agaagagggtc agtcagctcc cctggtggag ctggagctac 60
 aagcaactgt gaaaactact ctgcatatta ctcttcaaaa gcagtaacaa gtgatcttcc 120
 acccctctgc ctctcctctg caagaacagc aagtgtcttt aacctgttaa aaaaaaaaa 179

<210> 495
 <211> 191
 <212> DNA
 <213> Mus musculus

<400> 495
 gactgaggtc tcagaagtca gaagagggtc gtcagctccc ctggtgggagc tggagctaca 60
 agcaactgtg aaaactactc tgcataattac tcttcaaaag cagtaacaag tgatcttcca 120
 cccctctgcc tctcctctgc aagaacagca agtgctctta acctgttaat catggagcat 180
 tttcactagc a 191

<210> 496
 <211> 218
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(218)
 <223> n = A,T,C or G

<400> 496
 catagaggag cacaagactg gatnaaggat aaaggaccgg gaaaagtcta agcatagcaa 60
 cagtgaacat aaagattctg aaaagaaaca caaagagaaa gagaaaacca aacacaaaga 120
 tggcagctca gaaaaacata aagacaaaca taaagacaga gacaaggaaa gacgaaagga 180
 ggaaaagatt agagctgctg gggatgcaaa aaaaaaaa 218

<210> 497
 <211> 187
 <212> DNA
 <213> Mus musculus

<400> 497
 aagactgagc aactccggcc tgtggcacac gcctttaatc ccggcactct ggaggcagag 60
 gcggctggat ctctgtgagt ttgaggccat cctgatctac aaagccaatt ctaggacagc 120

ctggactaca taacctgcc tctaaaagcc aaaaataaag gaaagtggag caacctaaaa 180
 aaaaaaa 187

<210> 498
 <211> 209
 <212> DNA
 <213> Mus musculus

<400> 498
 gactgaggag agagccagtg aaggccacag tgtccatgtg gaggtcacag atgacagaca 60
 actttctggaa atcggttttc tccttccact atgtttacct tgaaattcaa actcaagttg 120
 tccgcttttg cagctggcac ttctaccaca gagccaccgt ctgagttcct ccaagtcccc 180
 taacactgag aagaagaaga aaaacaaaa 209

<210> 499
 <211> 346
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(346)
 <223> n = A,T,C or G

<400> 499
 cgtaagccaa gtatgacctt gaactcctgt tncntngctt ncatgccccg aggactggga 60
 ttgcattggg taccaccctg ccctgtggtg ctggncattg aatctaaggc ttcattgggtg 120
 ctaggcattc cctccacgac tgaactgtat cccagccta cagncaaaat gtnanagtan 180
 gggctggaga tggctcaagt gggttaagagc actgactgct cttccagagt cctgagntca 240
 aattccagca accacatggt ggctcacaac catctgtaat gggatcggat accctcttct 300
 ggtgtgcctg aaaacagcta cagtgtactc aagtatataa aatata 346

<210> 500
 <211> 197
 <212> DNA
 <213> Mus musculus

<400> 500
 gactgaggtc tcagaagtca gaagaggtca gtcagctccc ctgggtggagc tggagctaca 60
 agcaactgtg aaaactactc tgcatattac tcttcaaaag cagtaacaag tgatcttcca 120
 cccctctgcc tctcctctgc aagaacagca agtgctctta acctgttaat catggagcat 180
 tttcactaaa aaaaaaa 197

<210> 501
 <211> 198
 <212> DNA
 <213> Mus musculus

<400> 501
 ctgaggtctc agaagtcaga agaggtcagt cagctccctt ggtggagctg gagctacaag 60
 caactgtgaa aactactctg catattactc ttcaaaagca gtaacaagt atcttccacc 120
 cctctgctc tcctctgcaa gaacagcaag tgctcttaac ctgttaatca tggagcattt 180
 tcactagcaa aaaaaaaaa 198

<210> 502
 <211> 200

<212> DNA
<213> Mus musculus

<400> 502
gactgaggtc tcagaagtca gaagagggtca gtcagctccc ctggtgggagc tggagctaca 60
agcaactgtg aaaactactc tgcataattac tcttcaaaaag cagtaacaag tgatcttcca 120
ccctctgcc tctcctctgc aagaacagca agtgctctta acctgttaat catggagcat 180
tttcactagc aaaaaaaaaa 200

<210> 503
<211> 169
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(169)
<223> n = A,T,C or G

<400> 503
cagtcggctc ccctgggtgga gctggagcta caagcaactg tgaaaactac tctgcatatt 60
actctccaaa agcagtaaca agtgatcttc caccctctg cctctcctct gcaagaacag 120
cangtgcctt taatctgtta atcatggagc attttcacta aaaaaaaaaa 169

<210> 504
<211> 219
<212> DNA
<213> Mus musculus

<400> 504
actgaggagg aggcagatgg ttttgcaggt aaaggcgctt ggtgccaagc gtggctgcct 60
gagttcagtc cccggaactc ggaagggtgga aggtaagatc ctagtcctcc aaattgttct 120
ctaacctcta caccgctctg aggctccagg gtacttacac acatacacgg aaacaatcaa 180
ccagtcaaac aataaacgta aaatattaca aaaaaaaaaa 219

<210> 505
<211> 178
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(178)
<223> n = A,T,C or G

<400> 505
aaccttcgga gagcaatcng gngctcntta ccactgagc cntctcacca gcccgatatgc 60
atgcattatt atgcatgaaa ctacactgcg gctgtcttca gacacacacc anaagaatac 120
atgggatccc acggcagatg gttgttgga attgaactca ggacctctgg aagagagg 178

<210> 506
<211> 262
<212> DNA
<213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(262)
 <223> n = A,T,C or G

<400> 506
 tagattgatt ctgcctncca acnagaacat nctgaggaag ngatgagcca cgnngctcgg 60
 ngacnnttaa agnttttagat gtgcngatcc cttcatgtat actttacaga aaaccatgct 120
 aagccggggcg tgggtggcnca cgccttttagt cccatcactc tggaggcana ggcaggcgga 180
 tttctacaaa gtgaggccag cctggtctac aaagtgagtt ccaggacagc cccaggggcta 240
 tacagagaaa ccctgtctca aa 262

<210> 507
 <211> 175
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(175)
 <223> n = A,T,C or G

<400> 507
 agaagaggtc agtcagctcc cctggtggag ctggagctac aagcaactgt gaaaactact 60
 ctgcatatta ctcttcaaaa gcagtaacaa gtgatcttcc acccctctgc ctctcctctg 120
 caagaacagc aagngctctt aacctgttaa tcatggagca ttttactag cattt 175

<210> 508
 <211> 195
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(195)
 <223> n = A,T,C or G

<400> 508
 gaagccctgt gtgtttcaat nntaagaggt cagncagctc ccctggtgga gctggagcta 60
 caagcaactg tgaaaactac tctgcatatt actcttcaaa agcagtaaca agtgatcttc 120
 caccctctg cctctcctct gcaagaacag caagtgtctt taacctgtta atcatggagc 180
 attttacta gcaga 195

<210> 509
 <211> 154
 <212> DNA
 <213> Mus musculus

<400> 509
 ggagctggag ctcaagcaac tgtgaaaact actctgcata ttactcttca aaagcagtaa 60
 caagtgatct tccacccctc tgccctccct ctgcaagaac agcaagtgt cttaacctgt 120
 taatcatgga gcattttcac tagcaaaaaa aaaa 154

<210> 510
 <211> 196
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(196)
 <223> n = A,T,C or G

 <400> 510
 gactgagagc atactgccc cttaggtctn agaagtcaga agaggtcagt cagctccct 60
 ggtggagctg gagctacaag caactgtgaa aactactctg catattactc ttnaaaagca 120
 gtaacaagtg atcttccacc cctctgcctc tcctctgcaa gaacagcaag tgctcttaac 180
 ctgttaaaaa aaaaaa 196

<210> 511
 <211> 198
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(198)
 <223> n = A,T,C or G

<400> 511
 tgggtctcag aagtcanaag aggtcagtc gctccctctg tggagctgga gctacaagca 60
 actgtgaaaa ctactctgca tattactctt caaaagcagt aacaagtgat cttccacccc 120
 tctgcctctc ctctgcaaga acagcaagtg ctcttaacct gttaatcatg gagcattttc 180
 actagcagaa aaaaaaaa 198

<210> 512
 <211> 175
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(175)
 <223> n = A,T,C or G

<400> 512
 cttctccact gggtcacctt gccagcctac tgtgtgcttc ctgagtacaa ggnetcatta 60
 tgtagccgtg gctgtcctgt aacttgctct gtagaccagg ctggcttcca actcttagag 120
 atcctcctgc ctttgcttct gcgattaaag gcctgggcca ccaccaaaaa aaaaa 175

<210> 513
 <211> 170
 <212> DNA
 <213> Mus musculus

<400> 513
 cagacaggag acagacaaca cagcaggagc atgtcggctc ccttgagatt ggagtgtgag 60
 gtcgttgtga gtcaccatgt gcttgctccg aactgaacct aggtcctctg caggagactc 120
 ttaattcctg agtcatctct ccagcttctg gcattagtac ttttttaatg 170

<210> 514
 <211> 307
 <212> DNA
 <213> Mus musculus

<400> 514
gactgagcta tattgtccca attgagagga tctgaggctg gttatccaaa gctgcctgga 60
aatgcagtct ggggtgtgtgt ggcagtctga atatgctcgg ccaggggagc gaagtgtgtc 120
actgtggctg tggacaatga gaccctcatc ctaactatgt gggagctagt cttcttctag 180
tggccttcag atgaagatgg agaacgcctg cctggatgct gccatgttcc cgccttgatg 240
ataatgcact gaacctctga acctgtcgcc agccccaatt aaacgttgtc ctttataaag 300
aaaaaaa 307

<210> 515
<211> 246
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(246)
<223> n = A,T,C or G

<400> 515
gactgacaaa aagattctcc ggcctacagc atgattttgg cttgatgtga aaagattaag 60
taaataagat tgtgtggctt tgggctgggt agatggctca ntgggtaana gcactcgact 120
gctcttctga aggtctggag ttcaaattccc agcaaccaca tggnggctca caaccatcca 180
taacaagntc tgactccctc ttctggngtg tctgaagaca gctacagngt acttacatat 240
aataat 246

<210> 516
<211> 236
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(236)
<223> n = A,T,C or G

<400> 516
gaggtgcgac ctggttgga tgggtgnngtc actgtgggtg ttggtataag atcctcaccc 60
ttgttgacct gaactcagtc ttccactcac agcctttgga tgaagacaga actctcagct 120
ccttctgcac catgcctgcc tggaaaactgc catgctccca ccttgatgat aatggactga 180
acctctgaac ctgtaagcca gcccgaatta natgttggtt tttataagaa aaaaaa 236

<210> 517
<211> 225
<212> DNA
<213> Mus musculus

<400> 517
acactgactg ctacctgctg agagactgaa cctgtcttcc tgagaaattc ctgagatagc 60
ggacaacctg tggacttggc gacctaatgc taacagctct gacagactag tgctaacaac 120
ttagcaacaa agcatcaaga agcctggggt ggcaggggat gggcctcccc cctttataag 180
agcagactct tagtaaaact tgggccatga ttggaaaaaa aaaaaa 225

<210> 518
<211> 155
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(155)
 <223> n = A,T,C or G

 <400> 518
 aaagactgag gtgggttttg gctgagctcg agtcctcatc actctgctca ctggagcttg 60
 agctcgagtc ctcaggnta agtnggnagn tcganganen ggaacngaac cnntgaacct 120
 gcaagccagc cccaattaaa tgttgcctt tttaa 155

<210> 519
 <211> 284
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(284)
 <223> n = A,T,C or G

<400> 519
 atatgactga agagaancgt gangaagatg catgcnancg tgaatcccag cttgctacag 60
 tctacgttnc anctctatnc gnttacactt tgcacactnc anannaaaga ctcagaaaca 120
 tcncctgcta tggaatatac ccacgncngc atccctgtcn ncancagnct tnttcnagg 180
 agacangaaa taattattaa agaagaagag gaagaggaag aggaagagga agaggaagag 240
 gaagaggaag aggaagagga agaggaagaa gaagaagaag aaga 284

<210> 520
 <211> 307
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(307)
 <223> n = A,T,C or G

<400> 520
 agactgatgt ggggtctttn naatgaacac tgcagtaaag caacacggag gaccaccag 60
 ctctgtgctc agaagaggat gcagcatacc gaccagacac ttggtataga aatgattccg 120
 ggctggtgag atggctcagt gggtaagagc acccgactgc tcttccgaag gtctggagtt 180
 caaatcccag caaccacatg gtggctcaca accatccgta acgagatttg ncacctctt 240
 ctggagtgtc tgaagacagc tacagtgtac ttacatataa taaataaata aatcttaaaa 300
 aaaaaaa 307

<210> 521
 <211> 398
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(398)
 <223> n = A,T,C or G

<400> 521

ccagttaaac	tttttaaacc	cttggattta	ngaaagccct	ccgggaatca	aacgggagcc	60
gctttggact	gactggctgc	ctttntcctc	ctccccctcc	tcccccttct	gcnttttnatt	120
tatntattat	atgtaaggac	actgtaacan	ttgtaggaca	cactagacga	gggcaccaga	180
tctcattgtg	ggtgggtgtg	aaccacccac	catgtgggtg	ctgggatttg	aactcaggat	240
cttcagaana	ncagtcaggg	ccctaaaccg	ttgacccatt	tctccagcct	cctgnattcc	300
tttttaaggc	atgaatgatc	ccnncttang	annacagtct	tgccctccct	ccttttntag	360
ccatttttcc	tttcnccata	tnctcaaatt	aaaatcaa			398

<210> 522

<211> 207

<212> DNA

<213> Mus musculus

<400> 522

actgaggctt	ggtgcctgca	gagacaggag	acagagaaga	cagatggagc	atgtcggctc	60
ccctgagatt	ggagtgtgag	gtcgttgtga	gtcaccatgt	gcttgctccg	aactgaacct	120
aggtcctctg	caggagactc	ttaattcctg	agtcattctc	ccagcttctg	gcattagtag	180
ttttttaatg	tgagaaaatt	aaaaaaa				207

<210> 523

<211> 306

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(306)

<223> n = A,T,C or G

<400> 523

cccgtgtcaa	gttcaagacc	agcntggact	aaacacaccc	ctgtctcaaa	aataagaaga	60
gaggagagag	gaagagaaaa	aggatgagga	ggaggaagag	gaggacgagg	aggaccgagg	120
acgaggagga	aagagaagaa	aggaaatcca	caatgtggta	gttnngagat	gggtcagttt	180
aacagaaaag	cagactgtac	acatttaacc	ctcttttgta	gtttgaataa	gaatggtttg	240
cataagtgc	tagacttgaa	tgcttggtca	ccagggagtg	gcactattat	ttgaaaggat	300
tagggg						306

<210> 524

<211> 210

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(210)

<223> n = A,T,C or G

<400> 524

ttttttgacc	tctgaggaca	ttgggcatgc	ctggcgcatt	natttacatg	caagcaaacy	60
cctgtacacg	taaaaataagt	aataaaaagtc	tttaactcnt	gaaaaatnca	tnaatggntg	120
ntgncttgct	ccctncttgn	tgatnatgga	ctgaacctnt	gaacctgtaa	gccagcccca	180
attaaatggt	gttctttata	agaaaaaaaa				210

<210> 525

<211> 120

<212> DNA

<213> Mus musculus

<400> 525

```
caccctgaga aagtgtgctg agaaccatga agaaaacaag agctgggtgt aacagcactt      60
gggacgcagt gagttccagg ctagcctgat ctacatagag aaagcctacc aagagaagaa      120
```

<210> 526

<211> 162

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(162)

<223> n = A,T,C or G

<400> 526

```
ttatggacag agaactctna ngttcctgtt ctggccaccc tgagaaagtg tgctgagaac      60
cagaagaaaa caagagctgg gtgtaacagc acttgggacg cagtgagttc caggctagcc      120
tgatctacat agagaaagcc taccaagaga agaaagaaaa aa                        162
```

<210> 527

<211> 180

<212> DNA

<213> Mus musculus

<400> 527

```
agactgaggt ctcagaagtc agaagaggtc agtcagctcc cctgggtggag ctggagctac      60
aagcaactgt gaaaactact ctgcatatta ctcttcaaaa gcagtaacaa gtgatcttcc      120
accctctctg ctctcctctg caagaacagc aagtgtctctt aacctgttag aaaaaaaaaa      180
```

<210> 528

<211> 391

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(391)

<223> n = A,T,C or G

<400> 528

```
acatgccaa gcttcagctga aactcaagcc tcatgcagtt ttctctgctt ggaatgttct      60
ctgcccagcc ttcacctgcc cagcttcttg tcctacaggt ctcaagtcaa atgccttctt      120
ctcagtgaag acttccttgg ccaccttgtc aacataaatg tcatctgggtt attctctctc      180
cagcctgtgg cctatTTTTT ctaaagaact ttccagaatc tcatccatat cttgggtttac      240
ttgtttgtaa ccagngtctc tcctccagaa tgtaagctcc aggagagcag cacttcctcc      300
ttgatgntat tcctgcttca atccttagcg tctagcccag tgcttaatac agatttgntg      360
aataaagatc cattaaagcg aaaaaaaaaa a                        391
```

<210> 529

<211> 212

<212> DNA

<213> Mus musculus

<400> 529

tttgtggagg gatcttttga gaaatatctg gaacggttgg gagatcccaa ggagagtgt	60
ggccagaaat tcagctgaga gcaacagctc tcaaagctgt ttgtgtctcc agctactctc	120
tgaaccagct cccgacagga ggcaggagac tagcctcaga ttacaattt gcatttgaat	180
aaagtaccta gacttccccg aaagaaaaaa aa	212

<210> 530
 <211> 226
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(226)
 <223> n = A,T,C or G

<400> 530	
agactgaggt accaaagact gacaatgcta gctttngngc tggagcaatg acttgttgg	60
taanagcact gactgntctt ccaaaggtcc tgagttcaat ttccanacaac tacacantga	120
ctcacaacca accatctgta atgagatctg atgccctctt ntgggtgtgtc tgaagacaac	180
tacagtgtac tcatatacat aanataaata aataaacatt tttaaa	226

<210> 531
 <211> 200
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(200)
 <223> n = A,T,C or G

<400> 531	
tctttctgct tcttaagctg tttcttcagg gctaggctgg aacctangct tgcgagcatg	60
gtaggccagg actatgccac tgaancacac ctccagcccc tcaactggagg gctccaanca	120
ccnccnggggn anctctnacc acttggggcc ctgcctcaaa tnntttactg ggggactnta	180
ggtggctggg gttcctttta	200

<210> 532
 <211> 255
 <212> DNA
 <213> Mus musculus

<400> 532	
caactgaggt tcgaggtccc cctcgcaccc acgaataact gaatcccgcg ggacaaggat	60
aagaaccag gactaccagc ccagggatgg caccactcac aatgggccct tccaccctt	120
gatcacgaat tgagaaaatg ccttacagct ggatctcaca gaggcatttc ctcaagggag	180
gctcctttct ttgtgataac tccagcttgt gtcaagttga cacacaaaac cagccagtaa	240
acattgctaa gacaa	255

<210> 533
 <211> 352
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(352)
 <223> n = A,T,C or G

<400> 533
 gactgaggac tattttaacaa actgcaatca acagcaatca acagctatga accagcaacc 60
 taccctgcct cttgggaccc tagcatttat ataccctctg aagagttccc agaattccag 120
 atgtcacact atcacagaaa ctatcctcag ctggcaaaaa atcatacccc tgctagagca 180
 tgaggcaaat catagtcagc tgctgtggac agactgaacc agccccatac cacacctggg 240
 attaaaacaa aaacatgttc ttatatnann gaaanncttt tncctttttt gtngaacatg 300
 attttaatat tttcaactgn taatattcaa caaacagaat aattatttag aa 352

<210> 534
 <211> 275
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(275)
 <223> n = A,T,C or G

<400> 534
 cctgagggtg aggctttttg catgaaacaa agacttacct acccctcctc caaataccaa 60
 gactatgggc ttaaaagttt caaatgggtg ctggagagat ggctcancag ntaagagcac 120
 cgactgctct ttcgaaggtc ctgagttcaa atcccagcaa ccatatgggtg gctcacaacc 180
 atctgtaatg gaatctgatg cctctctctg gngtgtctga agacagctac agtgtactca 240
 catatataaa ataaataatt ctttaaaaaa aaaaa 275

<210> 535
 <211> 352
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(352)
 <223> n = A,T,C or G

<400> 535
 gatgaatggc tggagnatgg ggagacgtac aacggggcatc tggngagctg tgacaactgg 60
 ctgntgatnn tcctttgntg nntgatntng gactgnnctc gcngnnctcc tgncttgaag 120
 cttagaactc gcctaaataa ctacttctan acaggctcnc acatgccnt gannctaata 180
 accgtttctc tncctacgc tctcntgntg gctctataga gggagataga tgcnttnatg 240
 aacncnaaat aagaataggc tttgaaacat nggagtttgc aaaggtcana gggcagatat 300
 gaaggggatg ggagatgagt ggaattgtgg tataagatgt gaaacaaaga at 352

<210> 536
 <211> 184
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(184)
 <223> n = A,T,C or G

<400> 536
cacactagat ttttgacaaa naagccaaaa ccatacaatg gaaaaannga aagcatcttc 60
aacagatttg tgctgggtata actggatgtc tgcatgtana agaatgtaaa cagatccata 120
cttatcacct gtgcataaaa ctcaantcca agtggatcaa agangtcaaa taaaaactgg 180
acat 184

<210> 537
<211> 248
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(248)
<223> n = A,T,C or G

<400> 537
ctgagattgc tgccaggcta tgggtgnccc agntactgac aggaccacac cattgctgtc 60
tttaagaaac ttgctggggg ctggcgagan ggctcagtg ttaagagcat caactgcttt 120
tccgaaggtc ccgagttcaa atcccagcaa ccacatgggtg gtcacaacc atccgtaang 180
anatctgang ccntcttctg gangntctga agacagctac agtgtactta catataataa 240
ataaatat 248

<210> 538
<211> 312
<212> DNA
<213> Mus musculus

<400> 538
gactgaggct ggctgactca ccagtgtttg ctgctcagat cctgctgcag gaggcccagc 60
acccgggtga ggaggacccc tacctcctac tctacaagca caatgtgcc gaatgtacgg 120
ccaactcgtc gggaatcctc tgcacagtaa tgacatgacc gatcctcttc cagctcaaaa 180
gataatgtgt gaactctcag ctgctgctcg agcatcatgc ctgcctgtct gccactttgc 240
tccccggcca tgatcttggga caacttaacc ctctgaaact ataagcaagc ttcccaataa 300
atgctttctt gt 312

<210> 539
<211> 254
<212> DNA
<213> Mus musculus

<400> 539
agactgagat tgctgccagg ctatgggtgt cccagggtact gacaggacca caccattgct 60
gtctttaaga aacttgctgg gggctggcga gatgggtcag tggttaagag catcaactgc 120
ttttccgaag gtcccagatt'caaattcccag caaccacatg gtgggtcaca accacccgta 180
aagaaatctg atgccttctt ctggaagatc tgaggacagc tacagtgtac ttacatataa 240
taaataaatc tttta 254

<210> 540
<211> 276
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(276)

<223> n = A,T,C or G

<400> 540

acagctg	gcgc	actttata	act	gaggccagga	aattatctan	gcgncaatag	ggtancccnt	60
cngnnng	ctt	natgaantng	tgtcncaaca	atacaattng	anccttgacn	aaacaggatt		120
ttagggg	tatg	ttnaattttt	ttccagtaag	ctattggatc	caagaaaaca	tcaaaaagat		180
atccaccc	atg	atcaagtagg	agagattcag	gggtggttca	atgtatgtaa	attgataagc		240
ataatccacc		atataaacia	actggaaggc	aaaaaa				276

<210> 541

<211> 255

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(255)

<223> n = A,T,C or G

<400> 541

gagggag	cccc	gaaccaacag	ctgccatggc	gtcacgcac	g	gggctgcgca	tgcagctcat	60
gcgggag	gcagc	gcccagcagg	aggagcagcg	agagcgc	atg	cagcagcagg	ctgtcatgca	120
ttatatg	caa	cagcagcagc	agcagcagca	gcagctgggt	gggcccccca	ccccagccat		180
caacacccc	ct	gtccaccccc	agacctccca	ctttgtgcct	ttagna	aaaca	ctgmgctttg	240
ttaataaa	ata	aaaaa						255

<210> 542

<211> 412

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(412)

<223> n = A,T,C or G

<400> 542

ctgccaaca	a	acccatgtga	acatcacccn	gatcntgctg	nncacnctgg	ngactnaaaag		60
atgtttaa	aga	tgccagagcc	atgggataca	tggtgaggaa	agctgctnac	agggagtaga		120
accagccc	ag	gaaaaagcag	tttgttg	cag	tcaacagaga	tgaaaaagga	gtggagagct	180
gaagactg	ct	ttgacatcag	ccatggagat	gcagagtttg	gagtttgccc	agctgttttc		240
ctgtcttt	ct	ttgggtatta	cagnnaagng	attggatgaa	tctcagaaga	gaccttgaa		300
tttagact	ttt	taacattggt	gagactgcta	gaaactatga	ggactttgaa	agttggacta		360
aatgcac	tctt	tgcattatga	tatgtttaag	taatggtgcc	ccataagacc	tg		412

<210> 543

<211> 254

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(254)

<223> n = A,T,C or G

<400> 543

atagactgag	gttatataaa	cagtaagaac	tgctgaggag	aacagactat	gcctgctgcc	60
tggaanagac	tcagacctgc	ctgaaggaga	gattctctgt	cctgttgagc	tctccacaag	120
tagtgtaatg	aactccaggg	ttcctgctct	tggtgatgta	gctataattg	agttgacctt	180
gccccgccc	ttgccctttt	acttatattc	ttgtgaataa	ctctaataaa	ctcattggat	240
taccaaaaaa	aaaa					254

<210> 544
 <211> 355
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(355)
 <223> n = A,T,C or G

<400> 544	
agactgaggt	ggagtagagg aacacctttc atcatccgag ggagactctg agtcctntga 60
cagttcagga	nacacagtgc anaggaagag tgcttgagca attttccagc agnacgtggt 120
cttttgaagt	ctgaacttaa atatggatgg gttggatggt gccaaaaaca gaaggaaggg 180
gagaacaata	canngatgga aagtatcttt gacnnancta caaaagggnc tgagttcnnn 240
tcccntcngc	cacttggnngg ttcacaacca tctgtaatga gatctgatgc cttcttctgg 300
aatgtctgaa	aacagctaca gtgtacttac ntataataaa ttaataaata aaaaa 355

<210> 545
 <211> 388
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(388)
 <223> n = A,T,C or G

<400> 545	
agactgagtg	acagatgacc gcacccactt tatccaccat tcaactcctgc acattgcaac 60
agtgaggagg	agganacnnc tanaacgggt tcctcctacc ctggacnaca gtnncaccat 120
tacagagctg	ntgcatgttt gtctgngang aanacaggat gtatttnac cantcngnag 180
tcttttaaaa	aatgatttag ggctgngag atggctcagn ggttaaaagc gtcnactggt 240
cttccaaagg	gctgagttc aactcccagc aaccacatac atgggtggcct acaaccatcc 300
gtaacgaaat	ctgatgccct cttctggagt gtctgaacac agctacagtg tacttacata 360
taataaataa	atgaataaat atttttac 388

<210> 546
 <211> 177
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(177)
 <223> n = A,T,C or G

<400> 546	
attgctgcc	ggctatgggt gtcccaggta ctgacaggac cacnccattg ctgtctttta 60
gaaacttgct	gggggctggc gaaaatggct tcatgggtta agagcatcan ctgcttttcc 120

naagggtccng gagttcaaat cccagcancc acntggtggg ctcacaacca cccgtaa 177

<210> 547

<211> 166

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(166)

<223> n = A,T,C or G

<400> 547

tgcgtaaact	tggtttcaaa	gcctatgaag	tgacganggg	agggacnnat	agtccagaag	60
gcatccttca	atacataatc	naatccagcc	tggnctacag	cgtgagttcc	aggacaacca	120
gggctacaca	gagaaaccct	gtctcaaaaa	acaaaaagga	aaaaaa		166

<210> 548

<211> 332

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(332)

<223> n = A,T,C or G

<400> 548

cactgaggca	agaccccgtc	agaagagtta	ggaaaggact	cacangaaat	gaaggggatt	60
gcaaccccat	aggaagaaca	aatcaacca	ctggaccaca	aagagcatcc	agggactaaa	120
ccacctacca	aagagtatgc	atggagagat	gcatggctcc	agcactatat	gtagcagagg	180
atggattcat	ctggcatcag	tgggagagga	ggcccttggt	cctgtggagg	cttgatgcc	240
cagtgtaggg	cgatgctaga	gcagtgtgaa	tctggagtgg	gtggaggcaa	agaggagagg	300
gggatgggga	tggtgagtgt	gtggagggga	aa			332

<210> 549

<211> 203

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(203)

<223> n = A,T,C or G

<400> 549

aggcagaaca	atcaagttga	aagttatcct	ctgcgacata	aaaggctcaa	gccagctgga	60
gaggtggctc	aaagggtaan	agcactgagg	tcctgagttc	aaatcccagc	anctacttgg	120
tgactcacga	ccatctgcaa	tgggatccaa	tgccctnttc	tggtgtgnct	gaagacagct	180
acagtgtact	catctatata	cag				203

<210> 550

<211> 315

<212> DNA

<213> Mus musculus

```

<220>
<221> misc_feature
<222> (1)...(315)
<223> n = A,T,C or G

<400> 550
ctgagcctcc cccagccctg aagcaggttg attcagactt gacctcgctg ccgctgagca      60
tgagaccacc tgggggtggag ccttccgacc tagccggctc tattgttctg tcacctgctg      120
ctgctcgtct ccaagacact gctacctgct gaaaggccct tgagataatc tggagacagc      180
atccagccga tcacctactg gctggcgaag ggcaccaaga atggattgtt tggggggggc      240
gggggaggaa tgggtgggatg gggatgggag gcccctcttt ataagtacag actcttanta      300
aactttgggg ccttg                                     315

<210> 551
<211> 236
<212> DNA
<213> Mus musculus

<400> 551
ctgagtgttt tgccgtgtgtg tatatatgta caccgtatgt acaccatgtc atgagcctcc      60
atggtcgtga gaggactttg gatcccttgg aactggcggt acattggctg tgagcctcca      120
tgttggcgct gagaagcaaa cctgggttct ctggaagcgc agcaagtgtc cttaccatc      180
gagcatctc tccatctcaa accacccatg tatataaaat gaaaatacat aaacca          236

<210> 552
<211> 186
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(186)
<223> n = A,T,C or G

<400> 552
gagctcgagt cctcgtcgct ctgctcactg ggtcctcgtc actctccact ggttctgcca      60
tggctccggt aggtccagag ttnaaatcnc ancaaccaca tggggggctaa naaccatccg      120
naanaanatc tgactccctc ttctggagtg tctgaanaca gctacagtgt acttacatat      180
aataaa                                             186

<210> 553
<211> 206
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(206)
<223> n = A,T,C or G

<400> 553
agtccctcatg tgtagctagg gagctctgtc aaaaaaagct tgagctcnag tcctcatnac      60
tctgccatgg ctccggnngg tccagagnnn aaanccacc anccacatgg tggctcacia      120
ccatccgtaa cnagatctga ctccctcttc tggagtgtct gaanacagct acagtgtact      180
tacatataat aaataaataa atcttt                                     206

```

<210> 554
<211> 157
<212> DNA
<213> Mus musculus

<400> 554
gtaacttggg ttcaagcctt tgaagtgcg acaggagggg cagaagtcca aaggcatcct 60
tcaatacata atccaatcca gcctggtcta cagcgtgagt tccaggacaa ccagggttac 120
acagagaaac cctgtctcaa aaaaccaaaa ggaaaaa 157

<210> 555
<211> 265
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(265)
<223> n = A,T,C or G

<400> 555
ttcttgggtt caacctatga aatgactacn ggggggncgg aggtccaaag gcatccttca 60
atacataatc caatccagcc tggntacaa gcgtgagttc caggacaacc agggctacac 120
agaaaaaacc tgtctnntnt gaccccgncg gctccaacat gagggggggn ggnmntgnan 180
atTTTTtccc cattgcgggt tgtatggctn nnattcactt tntcaccat ngaccnttg 240
gaccttnatt acataagaat tataa 265

<210> 556
<211> 307
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(307)
<223> n = A,T,C or G

<400> 556
gtttatggtc tgggtgctggt aaaaatgaca acaatattca agcctgcatg tttccgaata 60
tcttttacca ttgtctgggt gctatagttt ctgattttct gaagtctaca gagctacatg 120
cagtcгаага tcattgngat ggtttgtata tccttggacc agggagtggc accatctgaa 180
ggtgnggcct tgttgggaata ggtgtgacct ggttggaatg ggtgtgtcac tgtgggggtg 240
gggtataaga tcctcaccct agtttgacct gaagtcaagt cttccactag cagccttttg 300
ggatgaa 307

<210> 557
<211> 152
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(152)
<223> n = A,T,C or G

<400> 557

```

taaacttggt ttcaaagcct atgaagtgc gactggangg acagaagtcc aaagggttcc      60
ttcaatacat aatccaatcc agcctggtct acagcgtgag ttctaggaca accagggcta      120
cacagagaaa ccctgtctca aaaaaccaaa aa                                     152

```

```

<210> 558
<211> 252
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(252)
<223> n = A,T,C or G

```

```

<400> 558
caacaaagtt tctctgtgta gttctggctg tcctagaact cagagatcca cctacctctg      60
attcaaagga ctaggattaa atgcccggtt aaagaagata ctccagggct ggagagatgg      120
ctcagtgggt cagatcacag actgctcgtc cagagtcctg agttnaattc ccagcaacca      180
caaggtggct cacaacacct cttctggtgt gtctaangac agcgggcgng ggtattcatg      240
tacattgggg ga                                                         252

```

```

<210> 559
<211> 172
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(172)
<223> n = A,T,C or G

```

```

<400> 559
ctgagcactg cgtaaacttg gtttnaagcc tatgaagtga cgacaggagg gacaagaagt      60
ccaaaggcat ccttcaatac ataatccaat ccagcctggt ctacagcgtg agttccagga      120
caaccagggc tacacagaga aacctgtct taaaaaacca aaaggaaaaa aa          172

```

```

<210> 560
<211> 153
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(153)
<223> n = A,T,C or G

```

```

<400> 560
acctgtggac ttggcgacct aatgctaaca gctctgacnn actattgcta acnacttanc      60
aacanagcat caagaancct gggnggnag gngatgggcc tcccccttt ataanagcag      120
actnttaata aactttgggc catgattggt aaa                                 153

```

```

<210> 561
<211> 256
<212> DNA
<213> Mus musculus

```

<220>
 <221> misc_feature
 <222> (1)...(256)
 <223> n = A,T,C or G

<400> 561
 tgtaatggaa tccgatgtcc tcttctgggc tgtctaagag atctacagta aataacntgn 60
 nacctgntag nnaaagagng nnagctanct ggtcattgaa tgangccant ccctctgctg 120
 gaacctgcgg agccacacac cgtgcacctt tctactggac cagagattat tcggcgggaa 180
 tcgggtcccc tcccccttcc ttcataacta gtgtcgcaac aataaaattt ggccttgat 240
 cagaaaaaaa aaccct 256

<210> 562
 <211> 144
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(144)
 <223> n = A,T,C or G

<400> 562
 gtaaacttgg tttcaaagcc tatgaagtga cgacaggagg gacagaagtc caaaggcatc 60
 cttcaatata taatccaatc cagcctgggc tacagcgtga gttncaggac anccaggnc 120
 acacaganaa accctgtctc aaaa 144

<210> 563
 <211> 219
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(219)
 <223> n = A,T,C or G

<400> 563
 gaccctgaat ggagagtaaa cctgctgcag gaccatgaat ggagagattt ggggtgtagtc 60
 tccccctccc cagcctgaaa cctgcttgct caggggtgga gcttcccact caatcttttt 120
 gccacgccta ctgctggaac ctgccgcttt gctgttccaa agccatcacg tgatcaccct 180
 gctactggat tccaanatta tttggcggga attaggctc 219

<210> 564
 <211> 335
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(335)
 <223> n = A,T,C or G

<400> 564
 gactgagtaa gcaggagtgg ttcaagtgtc cacacaaatc ggggacctga agctggcncc 60
 aagatgagga gtgaggatcc cacaggagcg gttatacaga atgtgganac ccagagcaaa 120

atcagctgct	ttaaaaacct	atgctggggc	tgngaaatg	gctcagggg	taanagcacc	180
tgactgctnt	tccaaaggnc	nggagttcaa	atcctagcaa	ctacatggg	gctcaaaacc	240
atccataacg	anatctgact	ccctcttntg	gagngtctga	aagcagctac	agngtactta	300
catataataa	ataaataaat	ctttaaaaaa	aaaaa			335

<210> 565
 <211> 289
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(289)
 <223> n = A,T,C or G

<400> 565	
cagactgaga	gtaaacaagc
cananactct	gagctggaan
aaccgaggct	cctgcaaagg
gtgcttcagg	ttcccatgct
tgctcctgta	agtatcccta
	ataaaactca
	ttggttcacg
	aaaaaaaa
	60
	120
	180
	240
	289

<210> 566
 <211> 274
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(274)
 <223> n = A,T,C or G

<400> 566	
aaatgggctg	ccgagatggc
agttcaaadc	ccaggaacca
ttatgtataa	taataaataa
tgagcgcgac	agaggtccta
tctgtgtact	cacataaaat
	aaataaatct
	ttaa
	60
	120
	180
	240
	274

<210> 567
 <211> 194
 <212> DNA
 <213> Mus musculus

<400> 567	
caactgaggt	tcagtgtatc
tttgtgcaga	ggaataaagt
tgaccatcac	catttgttga
tattaaaaaa	aaaa
	60
	120
	180
	194

<210> 568
 <211> 218
 <212> DNA
 <213> Mus musculus

<400> 568

```

gccagactga ggtgggggtct ttcagcttca gcatgtgcgt ctgtctcagc tgatattact      60
ctgccaatca gcctgagtcc ctggaagtgg caagaaactg cagtacacca ccagaagatt      120
tttttttact gtgattctct ctatggagtc ctgacaaatg cagctcaact atgcaatgta      180
agatggacca atacatgcat gttgttaaaa aaagaaaa      218

```

```

<210> 569
<211> 334
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(334)
<223> n = A,T,C or G

```

```

<400> 569
agaactgaga atatgaacta gttatcaatg gacaagcact tgaggggtcca gatacaatac      60
acagaaggag gctggcgagg gtgaatgaac ttcagaggtg agagatattt gaaagccana      120
ttcancagcc tggngtgata gtgagcttgn aatgttanca cgtgaggngg gagatccatc      180
aacacgnata ggggctgagc tcacccatgga agctcccagn taccgctcca gtgcgatgcc      240
tgtctgcccc ctgtcatgct ccacgccacg atggccatgg actctaattg tctgtgactg      300
tgaaccccaa taaactcggt cttttataaa aaaa      334

```

```

<210> 570
<211> 487
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(487)
<223> n = A,T,C or G

```

```

<400> 570
tacacaaacc tatggggggcc attcctgaan ngnaaactca atgggtccttn gaaaagncat      60
gatgtgntgg anggcgcana nacngngaang aatgttntcc caaagnggac acnggtgaaa      120
ggctanggca nacttgtgaa ggaatgtttc actgaaaaga tgttctgctn acgaaagcac      180
gtgaaaggac gcgtgangaa ngattctttg ctaaggacat gcgtgtattg gtccacctca      240
catnttttac tgagctccac atgttgagat tccatagaca ggagtgcacc aaaaaagttc      300
tggtggtgtg cccagcttn ttgccacttc tgcggactca gtctgaccgg cagagtaatg      360
tcagctgaga ctgactcacg tgctgaaaca agacgtatgc ttgaggcaag acccgtggaa      420
gaaacgtgat attgggaggg tttanaaacc cncctgggca tntttcactt natctgcact      480
ttcttta      487

```

```

<210> 571
<211> 248
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(248)
<223> n = A,T,C or G

```

```

<400> 571
ggaccaatc aaaggcagcc caaccatctg gaatctggaa gaagctgggt ctagcactcg      60

```

gaaggcagag	gaaggcggat	atatgagttc	gaggccagcc	tggctctacag	agcaagtttc	120
aggacagcca	gggctaacac	agagaaaccc	tatcttgaaa	aacaaccaa	aggggaaaaa	180
aatcaatctg	gaagaaaagc	tggcttatta	gggctaatag	tgngggattt	aaatatatac	240
aaccatgg						248

<210> 572
 <211> 420
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(420)
 <223> n = A,T,C or G

<400> 572	
ctgattggaa	gtaaatgatg
acaagaccct	aggggataaa
agattcacga	aagagaagga
60	
acctgaatcc	ctgaatcacc
gtatggaaga	aaactgccag
ccaaccagaa	aaatctatca
120	
tggactgtca	tagaataaag
cctaaaatta	aggetgaata
ttacgtgctg	ctttgacatc
180	
tggtaaactt	gggaaacttc
gaatgaccta	gttgcaagct
ttccttctca	ctctgctcct
240	
gtggataagg	ngccatagcc
aagcaaccgt	ccttatcaga
gaaccagtc	acagtttctg
300	
agcaatgggt	ttcagtttac
caccagccca	cagaattatt
caaacaagcc	aatgacatcc
360	
tcttcaggga	actagggagc
atctttccct	actgatacta
caaagcctgg	cttcataat
420	

<210> 573
 <211> 388
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(388)
 <223> n = A,T,C or G

<400> 573	
gtcaatgcaa	atcctgccag
gccaagaaac	aggaaaaata
taaacaccag	tgatagagac
60	
aggaggcagc	caaggacccc
tcttgccccc	aacacctgac
gaaatgccgc	cttcaagcct
120	
aaaacagcat	gagggatgaa
aaaccagact	gccgggtccg
atgaagccca	cccttttccc
180	
caaatgattc	tttctgaata
acgccatct	gcacattggg
aggaggggg	ggggccttgg
240	
gaagtttgca	ctgtttgcag
gggggaggag	cctgggtctc
ctcgtttctg	tgtgggtaag
300	
gtgggattta	attccctgag
atggagagcc	tgttagcagg
gactcttata	tcacttttgc
360	
ttgatgccgn	atttcctttt
ttcatttc	
388	

<210> 574
 <211> 135
 <212> DNA
 <213> Mus musculus

<400> 574	
gaactgagag	cccttggtgc
taccacttct	gagcatctgg
atgtctctgc	agttggtggg
60	
gtactactag	tgtgtctgaa
gacagctaca	gtgtactcat
atcaaata	taaataattta
120	
ggggaaaaaa	aaaaa
135	

<210> 575
 <211> 282
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(282)

<223> n = A,T,C or G

<400> 575

agcacgcacc	ccaagcccca	gcaaacatgg	agattngagg	acaactnggg	ggagtcctta	60
ctcccccttct	accacgtggt	ccttgacgga	acctaggttg	ccaggctacc	ggctgggtcat	120
caggccaggn	cctcttcaga	tcaaagcagc	gtcctcctga	agaactgttt	tagtccactc	180
gagctgctgt	aacaagttcc	cagagcctgg	gtggcttcca	caaaggagg	tgctcgtgtc	240
tcagagttca	cagttccgga	agctggaagt	gtgaggtcaa	gg		282

<210> 576

<211> 133

<212> DNA

<213> Mus musculus

<400> 576

caactgagag	cccttggtgc	taccacttct	gagcatctgg	atgtctctgc	agtgttgggg	60
tactactagt	gtgtctgaag	acagctacag	tgtactcata	tcaaatatat	aaatatttag	120
gggaaaaaaaa	aaa					133

<210> 577

<211> 376

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(376)

<223> n = A,T,C or G

<400> 577

ccaactgagg	ctccttgatc	atgaaggccn	ncctgtgcac	aagacgannc	ttacnccttg	60
tctgncatct	cagaggaagg	ggcttggcnc	agtccatnnn	tccactattg	gaaggagtgg	120
tgatggggcg	ctgtacatcc	cagctcttgg	gaagctgaga	caggagattg	taggtttgaa	180
ggcagtctgg	agtatatagt	gagccccaga	ccaatctaga	ctgcatatgg	atgtcctgtc	240
tttaacaaag	acttttagtct	agacaaaaaa	ataactgaaa	gaagcagaat	caggtccaga	300
gagaaggctc	agccgcttaa	ggagttgtta	tcagacctga	aaacctgagt	cttacctggg	360
accagatag	aggrcat					376

<210> 578

<211> 183

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(183)

<223> n = A,T,C or G

<400> 578

ggcaacagac	cttctaata	gacacacac	acacgttcaa	agtgacattt	taaaacancg	60
acaacgacga	caacaacaac	aacaacagca	gcagcagcaa	caaaaccctc	aagactgact	120

ctgcattana aagctgcagt ccacccttgt ctttcatggn gacaantcctt ctgaggagat 180
taa 183

<210> 579
<211> 258
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(258)
<223> n = A,T,C or G

<400> 579
gaacggtaca actgagatgg cagctcgagg tgaaagagag gaactagaca gacggaagaa 60
agaacggagc caagtcaaag tggactctga tcaaagctca attttactat tccaacacgc 120
agttatgaag gaggggaagg gggggccgat tcccgcctga tantcctgga gtccagtagc 180
agggtgacca cgtgtntggc tccagaacag caaagcagca ggttccagca gtgggctgtg 240
cagaacgatt gaggggca 258

<210> 580
<211> 247
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(247)
<223> n = A,T,C or G

<400> 580
cctccccag ccctgaagca ngttgattca tgacttgacc tcgctgccgc tgagcatgag 60
accacctggg gtggagcctt cgcacctagc cggctctatt gttctgtcac ctgctgctgc 120
tcgtctccaa gacactgcta cctgctgaaa ggcccttgag ataactctgga gacagcatcc 180
agccgatcac ctactggctg gcgaagggca ccaagaatgg attgtttggg gggggcgggg 240
gagggaa 247

<210> 581
<211> 275
<212> DNA
<213> Mus musculus

<400> 581
ctcctgggat cctgtgacct totgatactg gatgttggag cacctgggat taagagctgc 60
ctctgggtat tttgtggttg gctgcagagt ttacacccaa ggtctgtctca gggcatgggc 120
ccagacagac cggaaggaac ccatgctggc ggaattcctg catgcctggg tgtcacccgt 180
cctagtact cccagtgttg gggacagatg ttatgtcctc ctacactctg atcctctcat 240
ttttttaaga atttgacgaa taatctttat aaaag 275

<210> 582
<211> 320
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

<222> (1)...(320)
 <223> n = A,T,C or G

<400> 582
 gaactgaggg ttccaaggac tgccctttgg gattcaaacg ggagccgctt tggactgact 60
 ggctgccttc ctccctctcc ccctcctccc ccttctgctt cagatttatt tattatatgt 120
 aagtacactg tagcagttgt aggacacact agacgagggc accagatctc attgtgggtg 180
 gttgtgaacc acccaccatg tggttgctgg gatttgaact caggatcttc agaagagcaa 240
 gtcnaggggt ctaaaccgct gagccatctc tccagcctcc tgcattcctt cttaaggcat 300
 gaatgatccc agcaatgctt 320

<210> 583
 <211> 170
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(170)
 <223> n = A,T,C or G

<400> 583
 ccacactgag ctttggnggc agccgacaac ctttgnctag ctttcaactg gatactgnac 60
 agagttcttg catttcttga aaataaccgt ttaaaaaaat gaaagaaaga aaagaaagaa 120
 agaaagaaag gaaggaagga aggaaggaag gaaggaagaa agaaagaaag 170

<210> 584
 <211> 216
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(216)
 <223> n = A,T,C or G

<400> 584
 gtatatatgt acacgtatgn acaccatgtc atgagcctcc atggctcgtga gangactttg 60
 gatcccttgg aactggcgtt acattggctg tgagcctcca tgttggcgct gagaagcaaa 120
 cctgggttct ctggaagcgc agcaagtgtt cttaaccatc gagccatctc tccatctcaa 180
 accaccatg tatataaaat gaaaatacat aaacca 216

<210> 585
 <211> 392
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(392)
 <223> n = A,T,C or G

<400> 585
 tagaaacaca tggatgaatg aatatccnta tgaagaggaa naccntantg ganggttnct 60
 naccgcgnnt gcnccataag tgteactatt ntntcgggag gnacnctgcg catccccacg 120
 agcattannt ctgcctgaat catacagcan ccatncaccg ncctactgcc gnntgcaagc 180

nttaatgacc	ttncntncc	tttaaacccta	caagagntgc	cgctnntatt	gcaaaaacag	240
ggnatggct	gttgctcttt	atacaagtgt	actatcatta	tgatttcaga	cgtaattttt	300
atztatttac	ttattttatt	gtttgtttgt	tcacttattn	ggtgctatgc	gtcatgtgtc	360
gaaggtggc	ctcacgcta	ctgtgtccga	gc			392

<210> 586
 <211> 131
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(131)
 <223> n = A,T,C or G

<400> 586	
agcactgagg	tcaaactcta
ccattgcttg	ggtttttggga
tttctgagtt	cgagaccagc
ctgatattta	cagagncagt
tccaggacag	ccaaggctac
aaaacaaaaa	a
	60
	120
	131

<210> 587
 <211> 268
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(268)
 <223> n = A,T,C or G

<400> 587	
gctgcttttg	tagtcaagtc
cttganaggc	cgagggagga
ggattgtgag	tggaaggcca
gtttcagcct	gaaacctgct
tgctcagggg	tggagcttcc
cgctcaatcg	ttctgccatg
cccactgctg	gaacctgccg
ctttgctgct	tggagccaca
cacgtgttca	cctgctact
ggaccccgag	accagttggc
gggaatcggg	ttccctcccc
cttcctttat	aactgaatgt
cggaactagt	aaaattgagc
tttgaaca	
	60
	120
	180
	240
	268

<210> 588
 <211> 313
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(313)
 <223> n = A,T,C or G

<400> 588	
ctccccccagc	cctgaagcag
gttgattcag	acttgacctc
gctgccgctg	agcatgagac
cacctgggggt	ggagccttcc
gacctagccg	gctctattgt
tctgtcacct	gctgctgctc
gtctccaaga	caactgtacc
tgtctgaaag	cccttgagat
aatctggaga	cagcatccag
ccgatcacct	actggctggc
gaagggcacc	aagaatggat
tgtttggggg	gggcggagga
ggaatggtgg	gatgggggat
ggcgccccc	ctttataagt
acagactctt	antaaacttt
ggggccttga	aca
	60
	120
	180
	240
	300
	313

<210> 589

<211> 300
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 589
 cagcctggaa cagttgatca gacttgactc gctgccgctg aacatgagac cacctggggt 60
 ggaccttccg acctagccgg ctctattgtt ctgtcacctg ctgctgctcg tctccaagac 120
 actgctacct gctgaaagcc cttgagataa tctggagaca gcatccagcc gatcacctac 180
 tggctggcga agggcaccaa gaatggattg tttggggggg gcgggggaag aatggtggga 240
 tggggatggg cggcccctct ttataantac agactcctag taaactttgg ggccttgaac 300

<210> 590
 <211> 317
 <212> DNA
 <213> Mus musculus

<400> 590
 gcctcccca gccctgaagc aggttgattc agacttgacc tcgctgccgc tgagcatgag 60
 accacctggg gtggagcctt ccgacctagc cggctctatt gttctgtcac ctgctgctgc 120
 tcgtctccaa gacactgcta cctgctgaaa ggcccttgag ataatctgga gacagcatcc 180
 agccgatcac ctactggctg gcgaagggca ccaagaatgg attgtttggg gggggcgggg 240
 gaggaatggt gggatgggga tgggcggccc ctctttataa gtacagactc ttagtaaaact 300
 ttggggcctt gaacaga 317

<210> 591
 <211> 318
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(318)
 <223> n = A,T,C or G

<400> 591
 gcctcccca gccctgaagc aggttgattc agacttgacc tcgctgccgc tgagcatgag 60
 accacctggg gtggagcctt ccgacctagc cggctctatt gttctgtcac ctgctgctgc 120
 tcgtctccaa gacactgcta cctgctgaaa ggcccttgag ataatctgga gacagcatcc 180
 agccgatcac ctactggctg gcgaagggca ccaagaatgg attgtttggg gggggcgggg 240
 gaggaatggt gggatgggga tgggcggccc ctctttatna gtacagactc ttagtaaaact 300
 ttggggcctt gaacagaa 318

<210> 592
 <211> 320
 <212> DNA
 <213> Mus musculus

<400> 592
 gcctcccca gccctgaagc aggttgattc agacttgacc tcgctgccgc tgagcatgag 60
 accacctggg gtggagcctt ccgacctagc cggctctatt gttctgtcac ctgctgctgc 120
 tcgtctccaa gacactgcta cctgctgaaa ggcccttgag ataatctgga gacagcatcc 180

agccgatcac	ctactggctg	gcgaagggca	ccaagaatgg	attgtttggg	gggggcgggg	240
gaggaatggg	gggatgggga	tgggcggccc	ctctttataa	gtacagactc	ttagtaaaact	300
ttggggcctt	gaacagaaaa					320

<210> 593
 <211> 270
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(270)
 <223> n = A,T,C or G

<400> 593	
gtggaactat	gtgctnattn naactgcaac gccactgct ggaacctgag gagncacaca 60
cgtgcacntt	tctacnggac cagagattat tnngegggaa tcggntcccc tnncnnttgc 120
ttcataactg	gtgtgagcat cgataaaatt tgagccttga tcagnataac aaattangna 180
cagcaaggnc	ccantgcgta tggncagcnn ggccagactc catactataa ccagnaaagt 240
cctcatccnc	agcagagcac cttacgcca 270

<210> 594
 <211> 169
 <212> DNA
 <213> Mus musculus

<400> 594	
agactgccct	ttgggattca aacgggagcc gctttggact gactggctgc cttcctcctc 60
ctccccctcc	tcccccttct gcttcagatt tatattattat atgtaagtac actgtagcag 120
ttgtaggaca	cactagacga gggcaccaga tctcattgtg ggtgggtgt 169

<210> 595
 <211> 186
 <212> DNA
 <213> Mus musculus

<400> 595	
gggttccaga	ctgccctttg ggattcaaac gggagccgct ttggactgac tggctgcctt 60
cctcctcctc	ccccctctcc cccttctgct tcagatttat ttattatatg taagtacact 120
gtagcagttg	taggacacac tagacgaggg caccagatct cattgtgggt ggttgtgaac 180
cacca	

<210> 596
 <211> 169
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(169)
 <223> n = A,T,C or G

<400> 596	
ccaagactgc	cctttgggat tcaaacggga gccgcttngg actgactggc tgccttcctc 60
ctcctcccc	tcctccccct tctgcttcag atttatttat tatatgtaag tacactgtag 120
cagttgtagg	acacactaga cgagggcacc agatctcatt gtgggtgggt 169

<210> 597
 <211> 259
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(259)
 <223> n = A,T,C or G

 <400> 597
 cccagccctg aagcaggttg attcagactt gacctcgctg ccgctgagca tgagaccacc 60
 tggggtggag ccttccgacc tagccggctc tattgttctg tcacctgctg ctgctcgtct 120
 ccaagacact gctacctgct gaaaggccct tgagataatc tggagacagc atccagccga 180
 tcacctactg gctggcgaag ggcaccaaga atggattgtt tggggggggc gggngggagga 240
 atggtgggat ggggatggc 259

<210> 598
 <211> 362
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(362)
 <223> n = A,T,C or G

 <400> 598
 ggttccaaga ctgccctttg ggattcaaac gggagccgct ttggactgac tggctgcctt 60
 cctcctcctc cccctcctcc cccttctgct tcagatttat ttattatatg taagtacact 120
 gtagcagttg taggacacac tagacgaggg caccagatct cattgtgggt ggttgtgaac 180
 caccacccat gtggttgcng ggattngaac tnnngatctn canaagagca ntcagggctn 240
 taaaccgctg agccatctct ncagnctcct gcattccttc ttaaggcatg aatgatccca 300
 ncataggaag acagnctgcc ctcctcctct ttcgagccat tttncctttc accatatact 360
 ca 362

<210> 599
 <211> 365
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(365)
 <223> n = A,T,C or G

 <400> 599
 ggttccaaga ctgccctttg ggattcaaac gggagccgct ttggactgac tggctgcctt 60
 cctcctcctc cccctcctcc cccttctgct tcagatttat ttattatatg taagtacact 120
 gtagcagttg taggacacac tagacgaggg caccagatct cattgtgggt ggttgtgaac 180
 caccancat gtggtngcng gganncnaac nnncgatctn cataagagca gtcagggctc 240
 taaaccgctg agccatctct ccagcctnct gcattccttc ttaaggcatg aatgatccca 300
 gcataggaag acagnctgcc tncctncttt tngagccatt tttcctttca ccatatactc 360
 aataa 365

<210> 600

```

<211> 335
<212> DNA
<213> Mus musculus

<400> 600
attcctcctg atattgtcaa atgaatcacc atcaaaagta gtttgaacag actggtgaac      60
acagctgaag ggatgttgaa ggggtccatac cttgtagctt ctgtaacagt cctttgccag      120
ctcagaaggg gaattgactg caacatgaac acagcccagc aagtgaatct gtcttagcaa      180
aactccacgt gagtctgtat caactgacat tactgccaac tggcctgagt ccttggaagc      240
agcaagaagt tgccagcaca ccaccagaag ttttttgggtg tgtttctctc tatggagtcc      300
caacaaataa agttcaacta ggcaatgtaa aaaaaa                                335

<210> 601
<211> 331
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(331)
<223> n = A,T,C or G

<400> 601
acactgaggg ttccaagact gcccttttggg attcaaacgg gagccgcttt ggactgactg      60
gctgccttcc tcctcctccc cctcctcccc cttctgcttc agatttattt attatatgta      120
agtacactgt agcagttgta ggacacacta gacgagggca ccagatctca ttgtgggtgg      180
ttgtgaacca cccaccatgt ggttgctggg atttgaactc aggatcttca gaagagcagt      240
cagggctcta aaccgctgag ccattctctc ancctcctgc attccttctt aaggcatgaa      300
tgatcccagc atangaagac agtctgaata a                                331

<210> 602
<211> 173
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(173)
<223> n = A,T,C or G

<400> 602
atgaagggct gcttctgacc atccacagca gctgactatg cacacctgag gcaccacacn      60
acctgactgg cctggaactc actgngtana tcgggctggc cttaaactca ctganatttg      120
nctttntcct gcctgctgaa attaaagttg tgcgtcaccc tgaaaaaaaa aaa          173

<210> 603
<211> 274
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(274)
<223> n = A,T,C or G

<400> 603

```


<211> 333
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(333)
 <223> n = A,T,C or G

 <400> 607
 accggtccga cgacgccgat ggcaccttca actacagccc ggacatatac tgctccaagt 60
 accgatgagg ccaccggcct gtgtccagat ggtgatgagt aagtgggggt ncggtgggtg 120
 gctcctggtc tttcctcagg attggtgttg actctctgat caacagggtt ttgagggttc 180
 tgggtttttg cttttttgag acaggggtgc tttatgaagg cctggctgtc ctgaaaacact 240
 gtatgtagac cagactggcc tcaaactcat agtgatacct gtcttggccc cttaaagtgc 300
 tggcattaaa ggtgtatgcc actaaaaaaaa aaa 333

<210> 608
 <211> 370
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(370)
 <223> n = A,T,C or G

 <400> 608
 agaagagagg tcacagcagt tgagacgggg nnnttnnnag acagtggaag cagctgactc 60
 tctctctaaa gcatggctca agtgtggaga agnntttcag gacacctctg agatcctgtc 120
 attagcaaag tgaaaagaca ggtattactg aaaagcacct tggaattatc tccaaaacca 180
 ggngacagag actttgaagt tcttatcata cagatctcag agttgagcaa agaattctca 240
 cctgangaat accaaatggc tgagaagcac ctgaaaaaat gtncaacatc cttaatcatc 300
 agggaaatgc naatcaaaac naccctgaga ttccacttca ctccagnag aatgcctaag 360
 atcaaaaatt 370

<210> 609
 <211> 100
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(100)
 <223> n = A,T,C or G

 <400> 609
 gcctgcgggg gacaaantgt catncattat atagccgtca nnancagcnn cagcagcagc 60
 ngctgggtgg gccnccacc ccagccatca acaccctgt 100

<210> 610
 <211> 204
 <212> DNA
 <213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(204)
 <223> n = A,T,C or G

<400> 610
 tgaggcttgg tgcctgcaga gacagggnga agagaagaca gaggagcatg tcggtcctcc 60
 tgagattgga gtgtgaggtc gttgtgagtc accatgtgct tgctccgaac tgaacctagg 120
 tcctctgcag gagactctta attctgagtc catctctcca gcttctggca ttagtacttt 180
 tttaatgnga gaaaattaaa aaaa 204

<210> 611
 <211> 350
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(350)
 <223> n = A,T,C or G

<400> 611
 ccgtggattc ttctacacac cccatgtccc gccgcgaagt ggaggaccca caagtgcacc 60
 aagtgnangc nngacccacg ggagccagaa ggtgttgat ctcttgaaa catgaatcac 120
 agaaagggtg gagctgccat tcgggtccca ggaactacag ccaggtcctc tgaaagagca 180
 gccagtgtc ttaaccccc agccatctct ccagcctgag agtgcgtgtt cttatcatga 240
 gaagacaaac agcagtggag ttggcaagct gcctcagtgg gtaaaggtag ttgctgccaa 300
 ggcttgcagc ctgatttcga ttcccagaac ccacgagaat agaagtcgaa 350

<210> 612
 <211> 324
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(324)
 <223> n = A,T,C or G

<400> 612
 ggggagcgtg gattcttcta cacacccatg tcccgccgcg agtggaggac ccacaagctc 60
 ctgcttcctg acctgcttga gctcgagtcc tcaaaagaaa ataagcccta ctgacatagg 120
 nagaatgaca ttttgcantg anctcangnc cttctgctaa tgtcagactt tgaccttagc 180
 agcaaggttt ccccatagta ccacaatctc agtccaaagg caacgggtcta aagcccactg 240
 gggcagcaca taccaggttc tacagactta cacaggaaat gagaatcacn tctttcctcg 300
 tcagccaagt gagaaccaca aagg 324

<210> 613
 <211> 449
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(449)
 <223> n = A,T,C or G

<400> 613
 tgtccccgccc cgaagtggag gaccacacaag aaagctcttg ctgccctgga actcattctg 60
 tgaaggagga gggcctggaa ctcacagaag tctaccagac taagcctcat cagtgttagg 120
 attaaaagtg ttcccatcac caaccagcat gaagaaaatg ttttaagggga cattggaagt 180
 gtgtccctga aggaagacaa agccctccct aactcacagc cattaaaagt ttccctgggat 240
 cctgttactc tcctgtacat ttacagggat ctcagtcttc aatgatggcg atgaaaacgt 300
 tttctaggcc tttgctctcg gnatcttctc ctccaattcc tattattctt aggtttgatc 360
 ttttctagn gtgccaaatt ccctagatgt tttgnggnca tgaacctttt tagaattttt 420
 nattttgctt gagctcgagt gcttaacgc 449

<210> 614
 <211> 261
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(261)
 <223> n = A,T,C or G

<400> 614
 aactgagaat acagctgctn tancatcgcc cttactggg gnatcaagcc tccacaggac 60
 caagggcctc ctctcccact ggtgccagan gaanccatcc tctgctacat atagagctga 120
 agccatgctt cnttccatgc atactctttg gtaccacaaa agcaacttca ttggaaactt 180
 ttgcccacag gaatggctaa tagctttcca ttatgtaaaa aattttgntg ctgnttggaa 240
 acaagaagtt aggacattga a 261

<210> 615
 <211> 387
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(387)
 <223> n = A,T,C or G

<400> 615
 aattgctcga cagacgctat cgacccttan atgctgaatg gcgcggaacc aactaagggt 60
 ccatctctgt gatgttcctc tttcaggac ttttctcatg aagcttttct ggctggtttt 120
 gtgtgtcaac ttgacacaaa gctgaagtta tcacagagaa aggagcctcc cttgaggaaa 180
 tgccctccatg agatccagct gttaggcatt ttctccatta gtgatcaaga ggggagggct 240
 taggccattg tgggtagtgc cagtcctggg ttctataaga aagcaggttg agcaagccaa 300
 gggaagcaag ccagtaagca gcacccctcc atggcctctg tatcagctcc tgccctcagg 360
 ttcttgccct gtgtgagttc cagacct 387

<210> 616
 <211> 107
 <212> DNA
 <213> Mus musculus

<400> 616
 gactgaggta ccaggcatgc atgtggtccc aggcatactt gccagcgga gcatgcacat 60
 gcgcaccccc caccacacag agagagagag agagagagag agaggaa 107

<210> 617

<211> 272
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(272)
 <223> n = A,T,C or G

 <400> 617
 actgagggtc tattttgttc ctctgncgtg cctggaactn attgtntaaa ccaagctggc 60
 ctcaaactca cagagatttt nttgcctttg nctcctaant gctgggatta nagatgtgag 120
 tnacccaccc cccacccnc aatccctgag ctctcccca gggactggac caccaaccaa 180
 agaatacaca tggagggaac aggctgcaa tgtgacagag gatgaccttg ttgaacatct 240
 nnctaaaggg aatgggagaa gcaaagaaa ac 272

 <210> 618
 <211> 192
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(192)
 <223> n = A,T,C or G

 <400> 618
 actgagggtt ttggccactt gaccangta gtagttatth ggggagaanc tcaactgaga 60
 aagtgcctcc atcagagtgg ccttgggcag tttctgctc caggttcctg ctttgagtgc 120
 ctgcccgaact tcccctgagg atggacctgc gatccaaata aataaaciaa ttatccaccc 180
 caaaaaaaaa aa 192

 <210> 619
 <211> 385
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(385)
 <223> n = A,T,C or G

 <400> 619
 ggggagcgtg gattcttcta cacacccatg tcccgccgag aagtggagga cccacaaggt 60
 tganatacct tgtttnaaaa ataccnnga gaccacngtc ttcatagcat cattattcat 120
 catagtntaa tgacatgaaa ataanttagg gggctggaga gatgactcan cagtnaagag 180
 cactgactgc tcttccagag atcctgantt caatacccat nanccacatg gtgtctcaca 240
 accatctgta ntgagatgtg atgccctctt ctgngtggtc tgaagacagc tacagtgtac 300
 tcntcatata tatataaac naataaataa cntctttttt aaaagnggan naacaacat 360
 ntgnaatgag atgtgatgcc ctctt 385

 <210> 620
 <211> 206
 <212> DNA
 <213> Mus musculus


```

<220>
<221> misc_feature
<222> (1)...(206)
<223> n = A,T,C or G

<400> 620
actgaggctt ggtgcctgca gagncaggga caagacaaga cagaggagca tgtcggctcc      60
cctgagattg gagtgtgagg tcgttgtgag tcaccatgtg cttgctccga actgaacctc      120
ggtcctctgc aggagactct taattcctga gtcattctctc cagcttcttg cattagtact      180
tttttaatgn gagaaaatta aaaaaa                                           206

<210> 621
<211> 308
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(308)
<223> n = A,T,C or G

<400> 621
tgagaaactg ggctgctcct ccagttaaag gacatcaatc atttcctaatt gcaagacatt      60
gctttcctgt ctggngccta ggaacccctg gaacttgagt tccaggngct tgtganctac      120
gggacaccag tgctgggaac tgaactttgn cagtccctct gccagagcac tgtcnacggn      180
gaaaccatct cccagtcctc tcaaatgtac tttgctcaaa aattcttttg aggagaggcc      240
cttgggtctg tgaagattat atgctccagt ctagggggat gccagggcca ggaagcggga      300
gtgggttg                                           308

<210> 622
<211> 307
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(307)
<223> n = A,T,C or G

<400> 622
aactgagcct cccccagccc ctgaancagg ntgattcaga cttgacctcg ctgccgctga      60
gcatgagacc acctggggtg gagccttccg acctanccgg ctctattggt ctgtcacctg      120
ctgctgctcg tctccaanac actgtacct gctgaaagcg ccttgagata atctggagac      180
agcatccagc cgatcaccta ctggctggng aagggcacca agaattggatt gtttgggggg      240
ggcgggggan gaatggtggt aactggacca tacattnttg tctcaataaa nacatgtttg      300
aactact                                           307

<210> 623
<211> 238
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(238)
<223> n = A,T,C or G

```

<400> 623
 actgaggggt ccaagactgc cctttgggca ntcaaacggg agccgctttg gactgactgg 60
 ctgccttcct cctcctcccc ctccctcccc ttctgcttca gatttattta ttatatgtaa 120
 gtacactgta gcagttgtag gacacactag acgagggcac cagatctcat tgtgggtggg 180
 tgagaaccac ccaccatgng gttgctggaa tttgaactca cgatcttcaa aaaaacaa 238

<210> 624
 <211> 100
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(100)
 <223> n = A,T,C or G

<400> 624
 cctttctact ggaccagaga ttattcnct ggnaatctgg gtccccctncc cgcttccttn 60
 ataactgagt gtcgnaacag taaaattgga gctttgatca 100

<210> 625
 <211> 205
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(205)
 <223> n = A,T,C or G

<400> 625
 actgagaaag tctcgggctg gtgagtaggc tcagtgggta ngagcaccgg nctgntcttc 60
 cgaaggtncg gaagttcana tcccagcaac cacatggctg gctnacaacc atccgtnacg 120
 agatctgacg cctnttntg gagnggctga agacagntac agtgtactta catataataa 180
 atanataaat ctttaaaaaa aaaaa 205

<210> 626
 <211> 248
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(248)
 <223> n = A,T,C or G

<400> 626
 tgactgcatg cttattgnct tggggngnnn tggcggtgct nagctgnct ttcttacagc 60
 atccangacc agcagcccag ggggtgacnga gtgagctggt gccacagaga gctgggcccct 120
 cccacttcan tcatcaatca agaattggagg acaggggctg gagagatggc tcancggtta 180
 agagcnnatga ctgctcttat gaaggtcctg agttcaaacc ccagcaacca catggtggct 240
 cacaccat 248

<210> 627
 <211> 393
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(393)

<223> n = A,T,C or G

<400> 627

tcatgtcatg	ctaaggaaca	aaccagagc	ttcatgcaag	caagcaggca	tgcaagcaag	60
caagcaagca	agcaagcagc	caacatttta	ccagctctgt	tccatcccta	gcccctttct	120
cttctcctgg	ggctggcgag	atggctcaga	ggtaagagc	actgactgct	ttccagagg	180
tcctgagttc	aaatcccagc	aaccacatga	tggctcacia	ccatctgtaa	tgagatctga	240
taccctcttc	tgggtgtgtc	gaagacagct	acactgtact	tatgtataat	aataaatctt	300
tgggcaagag	cgagcagaaa	ctaagccagt	gcaanttgac	tggagcaagc	ctnagggtcct	360
aaaaattcaa	atcccaacaa	ctacatgaag	gct			393

<210> 628

<211> 620

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(620)

<223> n = A,T,C or G

<400> 628

gactgaggaa	ttccagctta	ctcaagtgca	gcctcacaaa	agaactcant	ctgcagcagg	60
aggcangaca	gagctganct	cccagcatcc	tntgccactg	acaagacctg	ggcacacatc	120
agaggtccta	gctggcacca	caacttctgg	gtctgcaggc	ctgagaattc	atgttcctag	180
caagttccca	ggtgaagctg	agttgctgct	gctgttaatg	gcctaggtct	gtctgcctgt	240
ntgnttgnt	gtctgacagg	atttcatgta	gtttgggttg	ccctggaact	ccatgtgtag	300
ccaaggatga	cctcgaaact	ctgatcctct	tgcctgggtg	caaattgaca	caggctgggg	360
ttatcacaga	gaaatgagct	tcagttgagg	aaatgcctcc	acgagaccca	gctgtaaggc	420
attttctcaa	ttagtgatca	agagggaaag	gccccttgng	ggtgggacca	tctctgggct	480
ggtagtctca	gttcagttct	gagagcaggc	tgagcaagcc	aggagaggca	agccagtaaa	540
gaacatccct	ccatggcctc	tgcatcagct	cctggttcct	gacctgtttg	agttccagtc	600
ctgacttcct	tggtgatgac					620

<210> 629

<211> 209

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(209)

<223> n = A,T,C or G

<400> 629

gactgagagc	ttatccacaa	tgaagaaaag	tanttggctt	gaaatacatt	gaaatacaat	60
gcttgccggg	tgngggtgna	tgcnngcctt	taatnccanc	anttgntgag	gcaaaggcng	120
gtggatttct	gagntnaagg	tcaacctggn	ntacagaatg	agttccagga	cagccgggct	180
acacagaccc	tgctctgaaa	aaaaacaaa				209

<210> 630

```

<211> 133
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(133)
<223> n = A,T,C or G

<400> 630
ctgtggagcc acacactngc acctttntac tggaccagga gattattncg gcgggaatng      60
gntnccctnc cnccttgcttc ataactgagn gtggcaacag tgataattag gagctttgat      120
cagaaaaaaaa aaa                                                              133

<210> 631
<211> 220
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(220)
<223> n = A,T,C or G

<400> 631
gactgagggt tccaagnnct gccctttggg cttcaaacgg gaagccgctt tggactgact      60
ggctgccttc ctctctctcc cctctctccc ccttctgctt cagatttatt nattatatgn      120
aagtacactg tagcagttgt aggacacact agacgagggc accagatctc attgtgggtg      180
gntgancagc aaaattggag ctttgatcag aaaaaaaaaa                               220

<210> 632
<211> 142
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(142)
<223> n = A,T,C or G

<400> 632
tggaacctgt ggagccacac actggtgcac ctttantact ggaccagaga ttattcggcc      60
ggnaatctgg ntncctntcc ncttnttca taactgagtg tngcaacagt gaaaattagg      120
agctttgatc agaaaaaaaa aa                                                  142

<210> 633
<211> 188
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(188)
<223> n = A,T,C or G

<400> 633

```

```

ttgctcaggg gtggagcttc ctgctnattt gttctggcac gccactgnt ggaacctgng      60
gagccacaca ctgngcacct ttactactgg accagagatt attcggccgg gaatctggnt      120
nccntccenc ttncctcata actgagngtn gcaacagtga aattggagct ttgatcagaa      180
aaaaaaaa                                         188

```

```

<210> 634
<211> 174
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(174)
<223> n = A,T,C or G

```

```

<400> 634
agcttcctgc tcattntnc tgcaccgcc cactgggtgga acctgnggag ccacacactg      60
tgcacctttc tactggacca gagattattc ggcgcgggaa ttgntnccn tnccncttgc      120
ttcataactg agngtggaag cagtaaaatt ggagctttga tcagaaaaaa aaaa          174

```

```

<210> 635
<211> 189
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(189)
<223> n = A,T,C or G

```

```

<400> 635
ttgctcatgg ggggagctnn ctgctcattt gttctgccac gccactgggt ggaanctgtn      60
gagcncaca ctgngcacac ttactactg gaccagagat tatttcggcc ggggaattgn      120
tnccctcccn cttncttcat aactgagtgt ngcaacagtg aaattggagc tttgatcaga      180
aaaaaaaa                                         189

```

```

<210> 636
<211> 284
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(284)
<223> n = A,T,C or G

```

```

<400> 636
ttgctcagct ggctttctta cagcatccag gaccagcagc ccaggggtga cagagtgagc      60
tggtgccaca gagagctggg cctccact tcaatcatca atcaagaatg gagaacaggg      120
gctggagaga tggctcagcg gtaagagmn ntgaccgctc ttctgaaggc cctgagttca      180
aaccacagca accacatggn ggctcacacc atctggncat gagatctgat accctcttnt      240
gggggtgtgt gaaacagcta cagtgtactt acatataata agat                          284

```

```

<210> 637
<211> 244
<212> DNA

```

<213> Mus musculus

<400> 637

gactgagtgt	tttgcctgtg	tgtatatatg	tacacgtatg	tacaccatgt	catgagcctc	60
catggtcgtg	agaggacttt	ggatcccttg	gaactggcgt	tacattggtc	gtgagcctcc	120
atgttggcgc	tgagaagcaa	acctgggttc	tctggaagcg	cagcaagtgc	tcttaaccat	180
cgagccatct	ctccatctca	aaccacccat	gtatataaaa	tgaaaataca	taaaccaaaa	240
aaaa						244

<210> 638

<211> 170

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(170)

<223> n = A,T,C or G

<400> 638

tccgtgctac	tttgtntctg	nacgcccact	gntggaacct	gnggagccac	acactgtgca	60
cctttctact	ggaccagaga	ttattccggc	cgggaatcgg	nttcntccc	ccttncttca	120
taactgagt	gngcancagt	aaaattggag	ctttgatcag	aaaaaaaaaa		170

<210> 639

<211> 162

<212> DNA

<213> Mus musculus

<400> 639

actgaggtgg	ggtctttcac	agtgtcgaaa	aagttttcct	cggcggagct	tccgcccac	60
cctgctagt	gtggcgcac	ccggtaggat	ttgctgaagg	aggcagaggg	aggaggatca	120
tgagttcgag	gccagcctgg	gctacacatt	taaaaaaaaa	aa		162

<210> 640

<211> 261

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(261)

<223> n = A,T,C or G

<400> 640

ccttgaggga	cctgctgctt	attgncttgg	gggcanggnt	tgctcagcat	ggcctttctt	60
acagcatcca	ggaccagcag	cccaggggtg	acagagttag	ctgggtgccac	agagagctgg	120
gccctccac	ttcaatcatc	aatcaagaat	ggagaacagg	gncctggaga	gatggcctca	180
gctgggtta	agcgngnnn	gntcttctgg	aaggctctga	gttcaaacc	cagcaaccac	240
atgggtggct	acacccatct	g				261

<210> 641

<211> 219

<212> DNA

<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(219)
 <223> n = A,T,C or G

<400> 641
 gactgaggta ctggagagag gaatggctca gtgattaaga anattctctg ctcttccaga 60
 gggctgggttc aattttcagc acccaaattgg tggctttcca tcacccgtgg nttcagttcc 120
 agatctgatg cattctggcc tccttgggca tnaggcatgc gcattgcata cacatatata 180
 cacaggcaaa acacataata ataaacattc acttctctc 219

<210> 642
 <211> 315
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(315)
 <223> n = A,T,C or G

<400> 642
 gactgagttc ctctctttca gcccagagctg ccatctcagt tgaaccattc ctctcnagct 60
 gctgggttggc ccgcaacaag tccagcctat tgtgggtgat gccacccctg ggttgggtggc 120
 cctggattct ataanaaagc tggctgagaa agccatggga ancaagccag taagcagcac 180
 cctccatgg cctctgtatc agctcatacc tccagggttc agccccgatt gaattcctgt 240
 cctgacttcc tccaatgatg gattatgatc tggaaatcct agccaaataa acacttttct 300
 ccccaaaaaa aaaaa 315

<210> 643
 <211> 148
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(148)
 <223> n = A,T,C or G

<400> 643
 cagccccact ggtggaacct gnggagccac acactgtgca cctttntant ggaccagaga 60
 ttattncggc cggaattgg gttecntncc ccttgcttna taactganng tggcaacagt 120
 gaaattggag ctttgatcaa aaaaaaaa 148

<210> 644
 <211> 234
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(234)
 <223> n = A,T,C or G

<400> 644
 gtcactgggg gctgtgagat ggctcagaag ttaanagcgc ttggcttttc tagaagacag 60

aggcttaatt	cccagcaccc	acaggggggt	ccaagctgtc	tgtaacccca	gttccaaagg	120
atccnacact	ctcttctgta	ccaggcatat	atgtgaatcc	cagacaaaat	gccacattag	180
ataaacaanaa	ctttatttaa	ataaataaat	catgccattc	ctcaaaaaaa	aaaa	234

<210> 645
 <211> 205
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(205)
 <223> n = A,T,C or G

<400> 645	
ccaggggtggt	tccactgttn
acacctggga	tgaganttgc
cgctcantcg	ttctgccacg
cccactgctg	gagcctgccg
ctttcctgtn	ccaaaacnat
cnnntngtca	ccctgctact
ggattccaaa	attatttggc
ntgaatcggg	cccccttccc
ctgettcata	actgcatgca
naatantaaa	attgagcttt
gatcg	
	60
	120
	180
	205

<210> 646
 <211> 282
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(282)
 <223> n = A,T,C or G

<400> 646	
gggattcaaa	cgggagccgc
tttggactga	ctggetgcct
tcctcctcct	ccccctcctc
ccccttctgc	ttcagattta
tttattatat	gtaagtacac
tgtagcagtt	gtaggacaca
ctagacgagg	gcaccagatc
tcattgtggg	tggttgtaaa
ccaccaccca	tggtggtgct
gggatngaa	ctcaggatct
tcagaagagc	agncagggct
ctaaaccgct	gagccatctn
tccagcctcc	tgcattcctt
cttaaggcat	gaatgatccc
ag	
	60
	120
	180
	240
	282

<210> 647
 <211> 278
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(278)
 <223> n = A,T,C or G

<400> 647	
ctgtcctgga	actcattgta
ttaaaccnagc	tggcctcaaa
ctcacagaga	ttttcttgcc
tctgcctnct	aagtgtctggg
attaaagatg	tgtgtcannn
atcctggacc	tgtnaattgn
tgatntttcc	tgccagggact
ggaccaccaa	ccaangaata
cacatggagg	gancaggctg
canatgtgac	agaggatgac
cttgttgaac	atctgatcta
aagggaatgg	gagaagcaaa
gaataacatn	ctgtgatccc
tataatggca	aaaaaaaa
	60
	120
	180
	240
	278

<210> 648
 <211> 317

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(317)
<223> n = A,T,C or G

<400> 648
gcctcccca gccctgaagc aggttgattc agacttgacc tcgctgccgc tgagcatgag 60
accacctggg gtggagcctt cccgacctagc cggctctatt gttctgtcac ctgctgctgc 120
tcgtctccaa gacactgcta cctgctgaaa ggccttgag ataactctgga gacagcatcc 180
agccgatcac ctactggctg gcgaaggcca ccaagaatgg attgtttggg gggggcgggg 240
gaggaatggg gggatgggga tgggcggccc ctctttataa gtacagactc ttagtnnact 300
ttggggcctt gaacaga 317

<210> 649
<211> 239
<212> DNA
<213> Mus musculus

<400> 649
agtgttttgc ctgtgtgtat atatgtacac gtatgtacac catgtcatga gcctccatgg 60
tcgtgagagg actttggatc ccttggaact ggcgttacat tggctgtgag cctccatggt 120
ggcgctgaga agcaaacctg gggtctctgg aagcgcagca agtgctctta accatcgagc 180
catctctcca tctcaaacca cccatgtata taaaatgaaa atacataaac caaaaaaaaa 239

<210> 650
<211> 332
<212> DNA
<213> Mus musculus

<400> 650
gggctgctga agcagtgatg actgaaagct gaagcagtgc actgtctgct ctgtgaggag 60
cagccccgct tggtcacagc atgtttgtgag gagctatcac caattgtagc tggggtgtac 120
gtggctgagg agcccatga tagaggagac cacagctacc ctcatggcag ctggcagcct 180
ctcaagagga gtgaaaacct ggaggctgga gagatggctc agtgggtaag agcactgact 240
gcttttccag aggtcccaag ttcaataccc agcaaccaca tgggtggctca caaccactcg 300
taatgagatc tgatgccctc ttcttgggtg gt 332

<210> 651
<211> 347
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(347)
<223> n = A,T,C or G

<400> 651
gaactgagga ttgcgaccag aataagaaga anncttggct ccgcagaagg tctttgcttt 60
tttctgnga aacanaaatn gncaacagaa ncangcctcn cctctccatc tgcaagagga 120
gaaaggagaa accacagcag tccccaaagg cagaaagggt ccacggaagg cacatggggg 180
aaagaagtga atcctctcta tcatttagcc tagacaaaat ggaggaccaa acacacacac 240
acacacacac acacacgtga gatgccagga cttggaaggm gtntctntan aaccttccga 300

aaggccatga acangaaana agggatttgt gctctgggag ggacata

347

<210> 652
<211> 330
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(330)
<223> n = A,T,C or G

<400> 652
gttgtgggct ttaagaccct cattgtaact gctaggaagt cagnattctg ctagcagcct 60
tcanatgaag atgtanaact ctcanctcct cctgtgccat gcctgcctgg atgctgccat 120
gctcctgctt cgataataan ggactgaacc tctgaacctg taagccagcc ccagttacat 180
acaagttgtc cttataagac ttgccttggt caccggtgtc tgttcacagc agtaaaccct 240
aactaaaaca tagggtttgc ttgttcgntt aaatcaatac tttcgttctg aaagaccggc 300
ctatttntgg gggatttatt tggggtctaa 330

<210> 653
<211> 194
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(194)
<223> n = A,T,C or G

<400> 653
ctcccctccc ccagcctgaa acctgcttac tcaaggggtgg agcttgccgc tcaatccggt 60
ctgccacgcc cactgntgga ncttgccggt ttgctgtttc aaaccatca cgtgttcacc 120
tgnaacctta ctccataaatt atttggcggn aatcggccccc tcccccttcc ttcataacgg 180
gagtgctgga actt 194

<210> 654
<211> 141
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(141)
<223> n = A,T,C or G

<400> 654
gttcctgttc tggccaccct gagaaagngt gctgagaacc agaagaaaac aagagctggg 60
tgtaacagca cttgggacgc agtgagttcc aggctagcct gatctacata gagaaagcct 120
accaagagaa gaaagaaaaa a 141

<210> 655
<211> 197
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(197)
 <223> n = A,T,C or G

 <400> 655
 tgctgagaga ctgaacctgt ctctctgaga aattcctgag atangcggac aacctgtgga 60
 cttggcgacc taatgctaac agctctgaca gactagtgtt aacaacttag caacaaagca 120
 tcaagaagcc tggggtggca ggggatgggc ctccccctt tntaaaagca nactnttagt 180
 aaactttggg ccatgat 197

<210> 656
 <211> 310
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(310)
 <223> n = A,T,C or G

 <400> 656
 actgagggtc tcattttgtt cctctggctg tcctggaact cattgtataa accaagctgg 60
 cctcaaactc acagagattt tcttgctctt gcctcctaag tgctgggatt aaagatgtgt 120
 gtcacccacc cccaccccc caatccctga gctctcccc agggactgga ccaccaacca 180
 aagaatacac atggagggaa caggctgcaa atgtgacaga ggatgacctt gttgaacatc 240
 tngatctaaa gggaatggga gaagcaaaga aaaacatcct gtgatcccta taatggcaaa 300
 aaaaaaccca 310

<210> 657
 <211> 334
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(334)
 <223> n = A,T,C or G

 <400> 657
 tcaagaccac atcagggatt tattttattgc tatatgtaag tcacactgtg gctgtcttca 60
 tacacaccag aagagggcat nagatctcat tacagatggn tgngancnc catgaggtng 120
 ctggnantgg aactcaggan ctncataaga gcantcgggg ctnttaacca ctgaaccatt 180
 tanccaggnc ctaattaatn ttcttantta atgattgaca acgganggta gtcagcccat 240
 tatgggtggn gccatccatg ggctggaggt cctgagttct ataanaaagc aaggtgagca 300
 ngccagnnng aagcactctt gcatggcctc tgca 334

<210> 658
 <211> 319
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(319)
 <223> n = A,T,C or G

<400> 658
ctccccagc cctgaagcag gttgattcag acttgacctc gctgccgctg agcatgagac 60
cacctgggggt ggagccttcc gacctagccg gctctattgt tctgtcacct gctgctgctc 120
gtctccaaga cactgctacc tgctgaaagg cccttgagat aatctggaga cagcatccag 180
ccgatcacct actggctggc gaagggcacc aagaatggat tgtttggggg gggcggggga 240
ggaatggtgg gatggggatg ggcgggccct ctttataagt ncagactctt agtaaacttt 300
ggggccttga acagaaaaa 319

<210> 659
<211> 242
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(242)
<223> n = A,T,C or G

<400> 659
gacattggct ggccagcgag tccctggagt ctgctgtctt caccggctgt naccactggg 60
ttacagntgt gtgcaactgn gctcagnttt tacatagatg cttgggctct acactgaggt 120
tctcaggctt gcatgaaagc actcatcacc cactgagcca tctccccagt cacagatcag 180
tgattcggtta ataaaaactt atgtagtttt atatgtagag gaaattttatt ttcccagcat 240
ac 242

<210> 660
<211> 317
<212> DNA
<213> Mus musculus

<400> 660
gcctcccca gccctgaagc aggttgattc agacttgacc tcgctgccgc tgagcatgag 60
accacctggg gtggagcctt ccgacctagc cggtcttatt gttctgtcac ctgctgctgc 120
tcgtctccaa gacactgcta cctgctgaaa ggcccttgag ataactctga gacagcatcc 180
agccgatcac ctactggctg gcgaagggca ccaagaatgg attgtttggg gggggcgggg 240
gaggaatggt gggatgggga tgggcggccc ctctttataa gtacagactc ttagtaaact 300
ttggggcctt gaacaga 317

<210> 661
<211> 430
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(430)
<223> n = A,T,C or G

<400> 661
ctgaggtggg gtctttcagt acnatgggat gatcttcttg atccgenntg ccactggaat 60
ggatcaacct gagcttanag tgctacngag ggcaagagct ggacttatga tgccaccctt 120
ttggagggag cccaagatgt caaagccatg ggctatctac tgaggaaagc tgctaacagg 180
gagtgaacc agcccaggag aaagaagttt gttggactca acaaagatga aaaaggggtt 240
ggagatgtgg aaactgcttt gacatcacag atggagatgt agaagtttgg aggtttgcct 300
ggctggnttt ctgtcttgat ttggggattt tagttaagn attggatgaa tctcnaaaga 360
aacttttgcc ttttgacat tgttgaagac tgcttntana ctatggggga cttttgaaag 420

ttggactaaa

430

<210> 662

<211> 268

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(268)

<223> n = A,T,C or G

<400> 662

catgatgttc	actacntgg	aacctccgtt	tgangactca	attgcngatg	tcngcanggg	60
atgctatnga	gccctgcctn	cctnancnt	ccgncatgaac	gtggancgng	nacatttttc	120
caggtctcct	gaaaagccng	cctngacagn	taagctgctt	cgccttcntt	natattgaaa	180
aatttgcttt	aagaaagctn	actcctgggc	tgagagaggng	gctcanctgn	taagagcnct	240
gactgctctt	ccagaggtcc	tgagttca				268

<210> 663

<211> 278

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(278)

<223> n = A,T,C or G

<400> 663

cccccttctc	acactgatcc	tccccaccc	tgaagcaggt	tgattcagac	ttgacctcgc	60
tgccgctgag	catgagacca	cctgggggtg	agccttcoga	cctanccggc	tctattgttc	120
tgtcacctgc	tgtgtctcgt	ctccaagaca	ctgctacctg	ctgaaaggcc	cttgagataa	180
tctggagaca	gcatccagcc	gatcacctac	tggctggcga	agggcaccaa	gaatggattg	240
nttggggggg	gcggggggagg	aatggtcggg	attttacc			278

<210> 664

<211> 374

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(374)

<223> n = A,T,C or G

<400> 664

agccagcata	gccatcatca	ggagaggctt	cacccaagca	attgatggaa	agagatgcag	60
anaccacng	ccaaacntga	gacaaagcct	ggggaaagag	ggagaactat	nanttgtagg	120
aaccagaggg	gtcnaaaaca	ccanaaaaac	ctgcaaaatc	aaccaacctg	accccataac	180
agctcacgga	aactgaacca	ccaaccaggg	ancctgcagg	gaaccgacct	aggcctctgc	240
nontaggtaa	canttggtgca	ccttgctctt	gttaggtntg	ggactcctag	caaagggagc	300
agaggctgtc	tctgactcct	ttggctgctt	ntcaattaaa	tacnttaata	aaancctntt	360
tgaaattttc	ggga					374

<210> 665

<211> 386
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(386)
 <223> n = A,T,C or G

<400> 665
 acagaaccga tgatcatatg aactcacaga ctgtggcagc actcctaaga catgtggaag 60
 ttcaaaccag accagggtc agcactgaga tggggagcgg acatgggatc ccattactaa 120
 ccaagaagtt atctactatt gacaccggtt ggcaaaggga aaaatccagt ttctccagtg 180
 aagccttccc ggctattatc aatcacactg cttggcaggc ctcatgtaca ggaatagctg 240
 accaacacac aacaaactta gtatttctgt ggatattttt tcttttggcc tttttttgtg 300
 gggganaggn cttatttggc atttacttgn tnggttngat ttccttcttt gnattttttc 360
 attgnttcct ctctctttct tcttct 386

<210> 666
 <211> 257
 <212> DNA
 <213> Mus musculus

<400> 666
 gattgctgcc aggctatggg tgtcccaggt actgacagga ccacaccatt gctgtcttta 60
 agaaacttgc tgggggctgg cgagatggct cagtgggtta gagcatcaac tgcttttccg 120
 aagggtccga gttcaaatac cagcaaccac atgggtggctc acaaccaccc gtaaagaaat 180
 ctgatgcctt cttctggaag atctgaggac agctacagtg tacttacata taataaataa 240
 atcttttaaaa aaaaaaa 257

<210> 667
 <211> 159
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(159)
 <223> n = A,T,C or G

<400> 667
 agcactgcgt aaacttggtt tcnaagccta tgaagcgacg acaggaggga cagaagttca 60
 aaggcatnct tcaatacata atccaatcca gcctggtcta cagcgtgagt tccaggacaa 120
 ccagggtctac acagagaaac cntgtctcaa aaaaccaa 159

<210> 668
 <211> 275
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(275)
 <223> n = A,T,C or G

<400> 668

taccttggct	gccttgcctt	naacattgtc	acatcagcta	cacgtanttg	gtanaatggc	60
cnatcctgtt	tacaacaaag	ctacactant	angangaach	acactatgca	actancnngt	120
nccaccccca	ccnccacat	ctgtgttncn	tatctnccan	aagatggcct	ngtcanccat	180
cactgagagg	anaagccctc	ggtcttgcaa	atatcatntg	ncccattaca	ggggaatgcc	240
tgggctanga	aacctgaat	gggtttggtt	tggga			275

<210> 669
 <211> 153
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(153)
 <223> n = A,T,C or G

<400> 669	
ctgccacgcc	cactgggtgga
acctgnggag	ccacanactg
tgcacctttn	tactggacca
gagattattc	ggccgggaat
tggnttcnnt	ncnncttgct
tcataactga	nngtggcaac
agtgaatgtg	gagctttgat
cagaaaaaaaa	aaa

<210> 670
 <211> 276
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(276)
 <223> n = A,T,C or G

<400> 670	
acactgtacc	tcctcntcc
ctgaaagcag	gctgatccan
actttgacct	tgctgnacc
gagaaggaaa	ttacctaaag
tggagctttc	caacctaaat
ggctcttttg	ttctgccacc
tgccactgct	ctctccaaga
cactgctacc	cgctganaag
cccttganat	attccggagg
agcatcctat	tctgcccata
gcctacaggc	tggttccaaa
caccaataaa	tgggctggcg
ggggggggga	tgggcctncc
cctttttataa	ttaaac

<210> 671
 <211> 195
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(195)
 <223> n = A,T,C or G

<400> 671	
agcatgagac	cacctggggt
gganccttcc	gacctagccg
gctctattgt	tctgtcacct
gctgctgctc	gtctccaana
cactgctacc	tgctgaaagg
cccttgagat	aatctggaga
cagcatccan	ccgatcacct
actggctggc	gaagggcacc
aaaaatngat	tgtttggggg
gggcggggga	agaat

<210> 672
 <211> 232

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(232)
<223> n = A,T,C or G

<400> 672
gccctcgaag caggttgatt canacttggg cctcgtgcc gctgagcatn anaccacctg 60
gggtggagcc ttccgacct cccggtctta ttgttctgtc acctgctgct gctcgtctcc 120
aaaacactgc tacctgctga aaggcccttg aaataatctg gaaacagcat ccagccgac 180
acctactggc tggcgaaggg caccaaaaat ggattgtttg gggggggcgg gg 232

<210> 673
<211> 175
<212> DNA
<213> Mus musculus

<400> 673
gggttcaga ctgccctttg ggattcaaac gggagccgct ttggactgac tggctgcctt 60
cctcctctc cccctcctcc ccttctgct tcagatttat ttattatatg taagtacact 120
gtagcagttg taggacacac tagacgaggg caccagatct cattgtgggt gggttg 175

<210> 674
<211> 257
<212> DNA
<213> Mus musculus

<400> 674
agatgctgcc aggctatggg tgtcccaggt actgacagga ccacaccatt gctgtcttta 60
agaaacttgc tgggggctgg cgagatggct cagtgggttaa gagcatcaac tgcttttccg 120
aaggtccga gttcaaattc cagcaaccac atggtggctc acaaccaccc gtaaagaaat 180
ctgatgcctt cttctggaag atctgaggac agctacagtg tacttacata taataaataa 240
atctttaaaa aaaaaaa 257

<210> 675
<211> 315
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(315)
<223> n = A,T,C or G

<400> 675
gcctcccca gccctgaagc aggttgattc agacttgacc tcgctgccgc tgagcatgag 60
accacctggg gtggagcctt ccgacctagc cggctctatt gttctgtcac ctgctgctgc 120
tcgtctccaa gacctgcta cctgctgaaa ggcccttgag ataatctgga gacagcatcc 180
agccgatcac ctactggctg gcgaaggcca ccaagaatgg attgtttggg gggggcgggg 240
naggaatggt gggatgggga tgggcggccc ctctttataa gtacagactc ttantaaact 300
ttggggcctt gaaca 315

<210> 676
<211> 219

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(219)
<223> n = A,T,C or G

<400> 676
gaactgctga ggagaacaga ctatgcctgc tgccctggaag agactcagac ctgcctgaag 60
gagagantct ctgtcctgtt gagctctcca caagtagtgn natgaactcc agggttcctg 120
ctcttgggtga tgtagctata tttgagttga ccctgccccct gcccttgccc ttttactnat 180
attcttgtga ataactctaa taaactcatt ggattacca 219

<210> 677
<211> 309
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(309)
<223> n = A,T,C or G

<400> 677
tccccagacc ctggaacagg ttgattcaga cttgacctcg ctgccgctga gcatgagacc 60
acctgggggtg gagccttccg acctagccgg ctctattgtt ctgtcacctg ctgctgctcg 120
tctccaagac actgctacct gctgaaaggc ccttgagata atctggagac agcatccagc 180
cgatcaccta ctggctggcg aagggcacca agaattggatt gtttgggggg ggcgggggaa 240
gaatgggtggg atggggatgg gcggcccctc tttataanta cagactctta ntaactttg 300
gggccttga 309

<210> 678
<211> 330
<212> DNA
<213> Mus musculus

<400> 678
aggtcacttg ccagatggtt cacatttagg aagcctgtct ccacatccct aggactatcc 60
cactgtcact gcctcagaag cctgggtctcc agagtgcact ggtgtagtcc cccctccctc 120
agcctgaaac ctgcttgctc aggggtggag cttcccgtc aatcgttctg ccacgcccac 180
tgctggaatc tgccgctttg ctgttcggag ccgtgcacga ggtcaccacg ctattggatt 240
ccaagattaa ttggcgggaa tcgggcccct tcccctgctt cataactgcy tgcggaacag 300
taaaattgag ctttgatcag aaaaaaaaaa 330

<210> 679
<211> 361
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(361)
<223> n = A,T,C or G

<400> 679

gtgtgctgtct gcttcaagt acatcaatct gccaatcngc ccaagtccac agaagcggca 60
 agaaactgca gaacaccaaa agttttttgg tgtgtttcta tggagtctctg acaaattcag 120
 ctcaactggg caatgtaagg tggaccaaca tatgctgtgc actagcaaag cattctttat 180
 cactgttcct ttcacgttct tgcttttagaa gaacatcctt ttcctttatg tctgcttcag 240
 gaaatattcc ttcccaagtt cgccttagcc tttcacctgt gtccacttca ggaaaacact 300
 ctttcacgtg tttgtccan caaaacacca tccaatacaa ccgactttcc aaagaaaaaa 360
 a 361

<210> 680
 <211> 376
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(376)
 <223> n = A,T,C or G

<400> 680
 agagagaggg gcatcaaccc acccaca aaa ccttcaaccc aaaatgtgtt ctgcctacaa 60
 gatacacang gataaagatg gagcagagat tgaggggacg gccaaaccagn gactgnctaa 120
 ctcgagaccc atcccatggg agagagccaa cccctgccac tattgacact cggctatgct 180
 tgnagacagt gtgactcctt gacaacagtg tgccctcgta tgggttttatg aaaccagtta 240
 acagtcttcc tccaaggtct ctgcttcagt ccctgcctcc aggaaatgcc ctgcttgtgt 300
 ttctgctctg acttcccca gtgatggaat gttaccatgg aagataaaat aaatctttcc 360
 cacatcaaaa aaaaaa 376

<210> 681
 <211> 305
 <212> DNA
 <213> Mus musculus

<400> 681
 ctctctttca gcccagagctg ccattctcagt tgaaccattc ctctcgagct gctggttggc 60
 ccgcaacaag tccagcctat tgtgggtgat gccaccctcg ggttgggtggc cctggattct 120
 ataagaaagc tggtcgagaa agccatggga agcaagccag taagcagcac cctccatgg 180
 cctctgtatc agctcatacc tccaggttcc agccccgatt gaattcctgt cctgacttcc 240
 tccaatgatg gattatgatc tggaaatcct agccaaataa acacttttct ccccaaaaaa 300
 aaaaa 305

<210> 682
 <211> 291
 <212> DNA
 <213> Mus musculus

<400> 682
 ctccccccagc cctgaagcag gttgattcag acttgacctc gctgccgctg agcatgagac 60
 cacctgggggt ggagccttcc gacctagccg gctctattgt tctgtcacct gctgctgctc 120
 gtctccaaga cactgctacc tgctgaaagg cccttgagat aatctggaga cagcatccag 180
 ccgatcacct actggctggc gaagggcacc agaagtgat tgtttggggg gggcggggga 240
 ggaatggtgg gatggggatg ggcggccctt ctttataagt acagactctt a 291

<210> 683
 <211> 234
 <212> DNA
 <213> Mus musculus

```

<220>
<221> misc_feature
<222> (1)...(234)
<223> n = A,T,C or G

<400> 683
accacctggg atggagcctt cccacttaga tggctctatn ganctgtcac gtgctgctgn      60
tctccangac actgntacct gctganaggc cctggagata ttccggagac agcatcccgc      120
agatcaccta ctggcaggca acaggcatca acaatggatt ggcgggggga tgggcctccc      180
ccctttataa gcacagactc ttagtaaact tgggggcctt gaacataaaa aaaa          234

```

```

<210> 684
<211> 450
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(450)
<223> n = A,T,C or G

```

```

<400> 684
ggcttacagg tgggtgcagaa agaagtctgg tcacaactgg ctacagtcaa cgagctgggt      60
acccaagga catcttacca gttccagcca aagatctgat ctacgtacac ctgcgtcatg      120
ctgagaccct caagcctcac taaaagggtc cctgcctagt tctgtttact aatctgcctt      180
attctgttgt tgttcccatg ttaaagatag agtaaattgca gtattctcca catagagata      240
tagacttctg aaattctaag attagaatta cttacaagaa gaagtgggga atgaagaatg      300
aaaaattact ggcctcttgt gagaacatga actttcacct cggagcccac cccctnccat      360
ctggaaaaca tactttgaga aaaaaccttt ttctgggaac acccacagaa tgttcaacag      420
ggccagatgt attgccaaac acaggatatg                                     450

```

```

<210> 685
<211> 412
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(412)
<223> n = A,T,C or G

```

```

<400> 685
cggaacctgg aatcaggagc tgatgcagag gccacggaag attgctgctt accggattgt      60
tcatcatggc ttgctcagcc tggctgtctta tagaccatgc tttctttcac acatttgctt      120
tactgttttt cttcctgaaa atacattcat gtggctgctg agctggagtc agggaaggct      180
cagatgggct gtgaggcata ggggtgctgct gatcatatgg atcaaattcta tctcatcact      240
tttcttttaa tctctggttt tacttttctaa aacagcaggc tttagtttta aatttaatat      300
gccaaggctc tgtgttttct ccccttagtt cttttttttt tctgtaattt tagggctcat      360
ttggatatga tccangattt aaaataanga ncatttatgg gaaaaaaaaa aa          412

```

```

<210> 686
<211> 248
<212> DNA
<213> Mus musculus

```

```

<400> 686

```

ggggcctgtg	gggagaagag	aaggttttcac	catgtatccc	tccctggctg	ggctggaact	60
cactatgtag	accagaccag	actccagctc	attctgcctc	tacttcccaa	atgctgatat	120
taaaggcatg	tgccgtcact	ccccgcaaaa	aactttttcta	ttttaattga	ggtatatttc	180
acaaacaaaa	aatgtaaacc	ttcaagatct	ataataaaaa	ttaaacaaac	acttcatcaa	240
aaaaaaaa						248

<210> 687
 <211> 219
 <212> DNA
 <213> Mus musculus

<400> 687	
gattcagact	60
tgacctcgct	
gccgctgagc	120
atgagacccc	
tgggggtggag	180
ccttccgacc	
tagccggctc	219
tattgttctg	
tcacctgctg	
ctgctcgtct	
ccaagacact	
gctacctgct	
gaaaggccct	
tgagataatc	
tggagacagc	
atccagccga	
tcacctactg	
gctggcggaag	
ggcaccaaga	
atggattggt	
tggggggggc	
ggggggagga	

<210> 688
 <211> 414
 <212> DNA
 <213> Mus musculus

<400> 688	
gactggtccc	60
tactgtaacc	
agacaggact	120
tcctgtgaag	
agagaggggc	180
atcaaccac	
ccacaaaacc	240
ttcaacccaa	
aatgtgttct	300
gcctacaaga	
tacacaggga	360
taaagatgga	
gcagagattg	414
aggggacggc	
caaccagtga	
ctgcctaact	
cgagacccat	
cccatgggag	
agagccaacc	
cctgccacta	
ttgacactcg	
gctatgcttg	
cagacagtgt	
gactccttga	
caacagtgtg	
cctcgttatg	
gttttatgaa	
accagttaac	
agtcttcctc	
caaggtctct	
gcttcagtcc	
ctgcctccag	
gaaatgccct	
gcttgtgttt	
ctgctctgac	
ttcccccagt	
gatggaatgt	
taccatggaa	
gataaaataa	
atctttccca	
catcaaaaaa	
aaaa	

<210> 689
 <211> 242
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(242)
 <223> n = A,T,C or G

<400> 689	
tataaacagt	60
aagaactgct	
gaggagaaca	120
ngactatgcc	
tgctgctgg	180
aagagactca	
ngacctgect	240
gaaggagaga	
ttctctgtcc	
tggtgagctc	
tccacaagta	
gtgtaatgaa	
ctccagggtt	
cctgctcttg	
gtgatgtagc	
tatatttgag	
ttgacctgc	
ccctgccctt	
gcccttttac	
ttatattctt	
gtgaataact	
ctaataaact	
cattggatta	
ccaaaaaaaa	
aa	242

<210> 690
 <211> 247
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(247)

<223> n = A,T,C or G

<400> 690

cctgaagcag	gttgattcan	acttgacctc	gctgccgtcn	gatgcctgan	actcacctgg	60
ggtggagcct	tccgacctag	cgggctctat	tgttctgtca	cctgctgctg	ctcgtctcca	120
agacactgct	acctgctgaa	aggcccttga	gataatctgg	agacagcatc	cagccgatca	180
cctactggct	ggcgaagggc	accaagaatg	gattgtttgg	ggggggcggn	ggaggagtgg	240
aggtttg						247

<210> 691

<211> 252

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(252)

<223> n = A,T,C or G

<400> 691

agcctcccc	agccctgaag	caggntgatt	cagacttgac	ctcgtcgccg	ctgagcatga	60
gaccacctgg	ggtggagcct	tccgacctag	cgggctctat	tgttctgtca	cctgctgctg	120
ctcgtctcca	agacactgct	acctgctgaa	aggcccttga	gataatctgg	agacagcatc	180
cagccgatca	cctactggct	ggcgaagggc	accaagaatg	gattgtttgg	ggggggcggg	240
ggagggaatg	tg					252

<210> 692

<211> 327

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(327)

<223> n = A,T,C or G

<400> 692

tgaaggacca	tcctgggagn	gccccaan	aggatgtatc	ctgtntacta	cactcctggc	60
actgtggcca	ttgtatgang	cattngctgt	cggnaacctg	gtatgactgc	tccttgggag	120
attcagccng	caactganan	atatanatgt	ggatgctngg	anccaaccat	catactgagc	180
tcagggaccc	tgngggggga	gctggcataa	ggactgangg	agctgagggg	gatagcaacc	240
ccataggaag	aatancatca	gctggacnga	ccacncagtg	cttncaggga	ctagaccacc	300
aaccnaggag	tgtaccggga	gggatcc				327

<210> 693

<211> 275

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(275)

<223> n = A,T,C or G

<400> 693

aggctggctc	tattgtcaca	naaatntgcc	tgtntctgct	cctgagnctg	aaaccacaac	60
------------	------------	------------	------------	------------	------------	----

acaacttctt	tatgtagcct	cagatgtcct	ggaacttgct	ccatagacca	ggctggcctc	120
aaactcagag	atctgtctgc	ctctgcctcc	tgagcgctgg	gactaaaggt	gtacgacacc	180
agcatctggc	caaggggtttt	tgtttgttag	ttttttaata	ctcaattaat	tattgntcac	240
aagtcaacat	tcgcaacact	tcatggaaaa	cttag			275

<210> 694
 <211> 580
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(580)
 <223> n = A,T,C or G

<400> 694	
gagcgcgctg	tcttcatgta caccagaaga tctactgcc
gtatagctgg	tcctgagcca tcatgtggct gctgggattg
acagtttagt	tttttagctg cttagtccta aggagaaaca
agctaccctt	tgaacatcag tctgttgaga taatggactg
aatcccagcg	tgagagaagg gacaggatgc agcctgggtg
acacagttct	aacagctcat tggccaccct atagcccaga
tctgttttac	tggtcccgct tgtctctcta gggaaacagc
aactaagtag	gtgtatatga caciaaagtgn tttcttttgg
gttctctgng	naaccctggc tgnccctagaa ctcacatgta
gctacaaaat	gncttaagtg cttgctgagt ctgacttata
	60
	120
	180
	240
	300
	360
	420
	480
	540
	580

<210> 695
 <211> 188
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(188)
 <223> n = A,T,C or G

<400> 695	
agaatagaag	gacaagggtg aggagaaggc cggccgntaa
ctggacggag	gaggagaatg gagctgagga agaggaagaa
ggatgatgat	gaaggggatg aagaagatga ggaagaagag
gcggaaga	
	60
	120
	180
	188

<210> 696
 <211> 134
 <212> DNA
 <213> Mus musculus

<400> 696	
tcctgttctg	gccccctgag aaagtgtgct gagaaccaga
aacagcactt	gggacgcagt gagttccagg ctagcctgat
acgagaagaa	agaa
	60
	120
	134

<210> 697
 <211> 202
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(202)

<223> n = A,T,C or G

<400> 697

gactgaggtc	tcagaagtca	gaagaggtca	tgtcatgctc	ccctgggtgga	gctggagcta	60
cnagcaactg	tgaaaaactac	tctgcataatn	actctttcaaa	agcagtaaca	agtgatcttc	120
caccctctg	cctctctctt	gcaagaacag	caagtgtctt	taacctgtta	atcatggagc	180
attttcacta	gcaaaaaaaaa	aa				202

<210> 698

<211> 157

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(157)

<223> n = A,T,C or G

<400> 698

ccccctggtg	gagctggagc	tacnagcaac	tgtgaaaact	actctgcata	ttactcttca	60
aaagcagtaa	caagtgatct	tccaccctc	tgctctcct	ctgcaagaac	agcaagtgtc	120
cttaacctgt	taatcatgga	gcattttcac	tagcatt			157

<210> 699

<211> 155

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(155)

<223> n = A,T,C or G

<400> 699

ttgaagccct	gaggtttcca	ngatgccttt	ccngactaga	accagacat	gtgagccgct	60
ggctggacac	aacagctcac	aaccatctgt	acaacttcaa	tgtactcata	tacataaaat	120
aaataaataa	acctctaaaa	aaaggttaca	ataaa			155

<210> 700

<211> 246

<212> DNA

<213> Mus musculus

<400> 700

agaactgagg	ttatataaac	agtaagaact	gctgaggaga	acagactagc	ctgctgcctg	60
gaagagactc	agacctgcct	gaaggagaga	ttctctgtcc	tgttgagctc	tccacaagta	120
gtgtaatgaa	ctccagggtt	cctgctcttg	gtgatgtagc	tatatattgag	ttgaccctgc	180
ccctgccctt	gcccttttac	ttatattctt	gtgaataact	ctaataaact	cattggatta	240
ccaaaa						246

<210> 701

<211> 208
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(208)
<223> n = A,T,C or G

<400> 701
ctgaaacctg cttactcagg ggggggagct tgccgntnaa tcgtttctgcc acgcccactg 60
ctggagcttg ccgctttgct gtttcgaagc catcagtggt tcacctgcaa ctttactcct 120
agattatttg gcggggaatc ggccctcccc cttcttcata acggagtgtt ggaatagtaa 180
aaattgaacc ttgagcagaa aaaaaaaaa 208

<210> 702
<211> 146
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(146)
<223> n = A,T,C or G

<400> 702
agaagtgaag gcatgaagat caagaaatgc agctatcctt gactttgtca ggaccangcc 60
tgagctaaaa gagcaagacc ctgcatcaac cagaaaacaa ggtccaaaga aaccaaccaa 120
ccaacaaaca aacaaacaaa caaaaa 146

<210> 703
<211> 370
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(370)
<223> n = A,T,C or G

<400> 703
actgagggtt ttcttcccggt gaanagacaa gaggactact gnagctctta taaanaaaag 60
catttaatnn gggctgggctt acaattcaga gctttaatcc attattgtca tggtaggaaa 120
catggcanca cacaagcaga catggngctg gagataaata gccaaaagtt ctttctacat 180
ctccgtctgc aggcagcagg aagtttgaaa gacagngggt ctggcttgag catttgcaac 240
ctcaaagacc ccaccccacc cctgtgacac acttccttca acaagccaca cctaatagcc 300
attcccaggn gactaagcat ttaaatctct gagccacagn ataacttcaa taaattcctt 360
gaaattgggg 370

<210> 704
<211> 235
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

<222> (1)...(235)
 <223> n = A,T,C or G

<400> 704
 gtggatccga gctaccactg ctgcctccta tgaactgaac tgatgatttc ctgacaaagc 60
 agatgggatt tactccaaag aacaactgct aaacagggtcc acttccctgg taccctaata 120
 acctttcttt tctactcncn ntgnagnatg angggctaaa aggatgggta aancatttaa 180
 aaacctattn aaagagccgg gngtggcgcc cnanncctt tatcccaagg ggtaa 235

<210> 705
 <211> 201
 <212> DNA
 <213> Mus musculus

<400> 705
 cactgagaca ggtgaagcaa gaagtttgac ccccttacct aagagtgaag ggtcacagaa 60
 gatgagagaa cagagagctg gaaggctgga ttgatgacac tgactgctca tccggaagat 120
 ctgggttccg ttcttagcac atgcatgcat gcatacatat atacatacat acatacatat 180
 aaccaattgt aaaaaaaaaa a 201

<210> 706
 <211> 183
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(183)
 <223> n = A,T,C or G

<400> 706
 acagcatcca gccgatcacc tactggctgg cgaagggcac caanaatgga ttgtttnggg 60
 ggggccccgg aggaatggng tgatgggggn ncacncctcc nagtagtacc actccctggg 120
 ccaagcatat tcaaacaccac acgtcatcct atagaaactc ctatacttcc tacaaggggc 180
 aaa 183

<210> 707
 <211> 294
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(294)
 <223> n = A,T,C or G

<400> 707
 gccgaccagc agtccccgag gaacggtaca actgagatgg cngctcgagg tgaaagagag 60
 gaactngaca gacggaagan agaacggagc cangtcaaag tggactctga tcaaagctca 120
 attttactat tccaacacgc agttntgang gagggggang gggggccgat tcccgccaaa 180
 taatcctgga gtccagtanc anggtgacca cgtgtntggc tccagaacag cnnngcngcn 240
 ggnnccagca gtgggcggtgg cnnancgatt gaggggcaag ctccatccag atgt 294

<210> 708
 <211> 306
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(306)

<223> n = A,T,C or G

<400> 708

taagtctcga	aattcgatat	caagctgatc	ccggaaccct	taatataact	tcgtataatg	60
gnatgctata	cgaagntatn	angtaccntn	ganntgcang	actaggatta	aatgcccggg	120
taangaagat	actccagggc	tggagagatg	gctcangggg	tcagatcaca	gactgctcgt	180
ccagaggtcc	tgagttcaat	tcccagcaac	cacaaggtgg	ctcacaacac	ctcttctggg	240
gtgtctaaag	acagcaacag	tgtattcatg	tacattaaat	gaataaataa	attgtaaaaa	300
aaaaaa						306

<210> 709

<211> 455

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(455)

<223> n = A,T,C or G

<400> 709

agacagaagt	ggaagaagcc	tttggagaga	gccagaancc	gacngaggnc	ggaagagtcg	60
aancggntat	ncctggttgn	caactngaca	atatttggaa	tgaactacaa	tccggaatct	120
ggaaggctca	ccagttgacc	cttatctgga	ggcttggaga	nccttatcta	ggatnttggg	180
tngaanatcn	tganccatat	tgnctatggg	tnccagaana	ntgaatntnc	gagtttaagg	240
aacacacctt	taatctgggc	tacgcctttc	atctggnatt	aaaggtgngg	nggnacacac	300
ctttnttctg	ggctacacct	tctgntggng	acaatataag	gacattggaa	naagggngnc	360
nagctnttgc	tnctgctcct	tcgntgctct	gctgngngag	actgagtaac	tgctagatcc	420
ttggacttcc	attcacagct	gtgactgaac	gattg			455

<210> 710

<211> 339

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(339)

<223> n = A,T,C or G

<400> 710

aaacgggagc	cgatttggac	tgactggctg	ccttcctcct	cctccccctn	ctcccccttc	60
tgcttcagat	ttatttatta	tatgtaagta	cactgtagca	gtttaggagc	acactagacg	120
agggcaccag	atctcattgt	gggtggttgt	gaaccaccca	ccatgtgggt	gctgggattt	180
gaactcagga	tcttcagaag	agcagtcagg	gctctaaacc	gntgagccat	ctntgcagcg	240
ctgctgcatt	ccttcttaag	gcntgaatga	tgccaggata	ggaagacagg	ctgcccctcc	300
ctncttttcg	agccattggt	ncctttcacc	atatactca			339

<210> 711

<211> 317

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(317)

<223> n = A,T,C or G

<400> 711

ttgccaaagcc	cttgaaagca	agttgattcn	gacttgacct	cgctgccgct	gaagcatgaa	60
aaccacctgg	ggtggagcct	tccgacctaa	cgggtcttat	tgttctgtca	cctgctgctg	120
ctcatctcca	anacactgct	acctgctgaa	aggcccttgg	agataatctg	gagacagcat	180
ccagccnadc	acctactggc	tggcgaagg	caccaanaat	ggattgtttg	ggggggggcg	240
gggaagaatg	gtgggatggg	gatgggcggc	ccctctttat	aantacagac	tcttagtaaa	300
ctttggggcc	ttgaacg					317

<210> 712

<211> 218

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(218)

<223> n = A,T,C or G

<400> 712

attatattat	acataaaaac	actgtagctg	tcttcanatg	cacanaanag	ggcgctcagat	60
ctcattacgg	atgggtgtga	gtcaccatgt	ggttgctcgg	atttgaactc	aggaccttcg	120
gaanaacagt	ccgtgctctt	accctctgan	ccatctcacc	agccctgac	tccattgtat	180
gtgcatgcac	atgtaaataa	acataataaa	acatcgta			218

<210> 713

<211> 232

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(232)

<223> n = A,T,C or G

<400> 713

gaacagggtg	attcagactt	aacctcgctg	ccgctgagca	tgagaccacc	tgggggtggag	60
ccttccgacc	tagccggctc	tattgttctg	tcacctgctg	ctgctcgtct	ccaanacact	120
gctacctgct	gaaaggccct	tgagataatc	tggagacagc	atccagccna	tcacctactg	180
gctggcggaag	ggcaccaaaa	atggattgtt	tggggggggc	gggggaagaa	tt	232

<210> 714

<211> 136

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(136)

<223> n = A,T,C or G

<400> 714
caacaatgcc ctttgggata aaacgggagc cgctttggac tgactggctg ccttcctcct 60
cctccccctc ctcccccttc tgcttcaaata ttatttatta tatgtaagta cactgtanca 120
gttgtaggac acacta 136

<210> 715
<211> 421
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(421)
<223> n = A,T,C or G

<400> 715
gtgactggat gaactgagaa aagattgaat ttggactttt agcattgttg aaactgctgt 60
ggaccatggg gagtnaanaa attgaactaa atgtatttct cattatgcta tggctagggg 120
tgccccccac aaactcatnt ntttgaacaa acctatgggg gccagtgant acaatgtggg 180
ggtttgaata tgcttggccc agggantggc actgtntgac cctnttggac aaattntntc 240
nctgttgggg tgggcaaaaa aanctnccnc ctacctnctt ggggatncca ntctcttctg 300
gttgcccttca aatcaaaatg caaaactctc agctccttct ccaacattat ttctgcctgg 360
gacactgccca tgctttgctn cctgctgtna tnatnatgga ctggaacctc tgaaactgta 420
a 421

<210> 716
<211> 249
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(249)
<223> n = A,T,C or G

<400> 716
gaaccagggt gattcanact tggacctcgc tgccgctgan catgaaacca cctgggggtgg 60
anccttccga cctagccggc tctattgttc tgtcacctgc tgctgctcgt ctccaaaaca 120
ctgctacctg ctgaaaggcc cttgaaataa tctggaaaca gcatccancc natcacctac 180
tggctggcna agggcaccaa aaatggattg tttggggggg gcgggggaaa gaatgggtggg 240
atgggggat 249

<210> 717
<211> 330
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(330)
<223> n = A,T,C or G

<400> 717
gaagcagggt gattcaaact tgacctcgtc gccgctgagc atgaaaccac ctgggggtgga 60
gccttccnac ctanccggct ctattgttct gtcacctgct gctgctcgtc tccaaaacnc 120
tgctacctgc tgaaaggccc ttgaaataat ctggaaacag catccagcca atcacctact 180

ggctggcaaa	gggcacaaaa	aatggattnt	ttgggggggg	cgggggaana	ntgntgggat	240
gggnatgggg	angggactct	tngtanntcc	agaannntng	ggtggangtg	gnggggnnng	300
nggangcgaa	ggggagaaga	gagaagggag				330

<210> 718
 <211> 266
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(266)
 <223> n = A,T,C or G

<400> 718	
agggtgccaa gactgccctt tgggattcat anggganccg cnttggactg actggctgcc	60
ttcctcctcc tccccctcct ccccttcttg cttcanattt atttattata tgtaagtaca	120
ctgtagcagt tgtaggacac actaggacna gggcacaaaa tctcattgtg ggtgggtgtg	180
aaccacccac catgtggttg ctgggatttn anctcgnga tcttcagaan agcattcngg	240
gctctnaacc ggtgagcctt ctctcc	266

<210> 719
 <211> 283
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(283)
 <223> n = A,T,C or G

<400> 719	
gaagccttgg actggacttg caactcgatg gatanccan ggtggcacnn aacttcncat	60
ccttctaatt cccaagtgtt aaaatttcag gtatgggctg gtgacatggc tcagtgggta	120
aaaacgcccg actgctcttc cgaaggcttg aanttcaaat ccagcaacc acntgggtggc	180
tcacaacat ctgtaacaaa atctgacgcc ctcttctgga ntgtctgaag acagctacag	240
tgtacttaca tataataaat aaataaatct ttaaaaaaaaa aaa	283

<210> 720
 <211> 322
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(322)
 <223> n = A,T,C or G

<400> 720	
actgcctttt gggattcaaa cgggagccgc tttggactga ctggatgcct tcctcctcct	60
ccccctcctc cccttctctg ttcagattta tntattatat gtaagtaacn tgtmncagtt	120
gtaggacacn ctanacgagg gcaccnaatc tcattgtggg tggttgtaat cccccccca	180
tntgggttgc gggatttgaa ctccagatct tcagaagagc agtcagggct ctganccgct	240
gnagccatct ctccagcctc ctgcattcct tcttanggca tgaatgatcc cagcgtagga	300
agacnttctg ccctcctcct tt	322

<210> 721
 <211> 735
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(735)
 <223> n = A,T,C or G

<400> 721
 gtcattagca agaaaacgan aacaantgcn gtttcttgtg gcaagccatg ttcaagttcc 60
 agtcataccg aactgtgcag ggagataatg aagctcttcg tacctctgat atttcttcac 120
 agaatgccat acaacctggc tttgtacctc cacctgcana aggtagtana gcctatcttg 180
 anccttcage agcaggagca gcangagcag cagcagcagc agcagcagca gcagcaccan 240
 tggncacacc agtggcagca ccaactaccac tgcgcctcc acttctctct cctcctcctg 300
 ctactcttga agcangagat gcttcggggt ttctctctcc accaccacca ccaccancgc 360
 cgccgcccgc gccgccttat tcctatgatc cnagtggan tgatctgccc caagatacaa 420
 aagttttana gtactatttc catctgggga ttgcnctgct atcancacaa ctactggcct 480
 cccatngttt atatgccaca tgtgcagcan gcagctgcag ccngcanccc gcatgccggc 540
 agccccagnc ggcagncgc aancaaaanc cccagcccca anccgcaacc acaacaaccg 600
 caacangcag cagccgcccgc ngcacaacag caacaacaac aagaacaggt tcatggaaaa 660
 nattttccan aattgttctg gaaccanccc ccctnnaaca aantctcccc ggntttcatt 720
 aatttgtaa aaaaa 735

<210> 722
 <211> 387
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(387)
 <223> n = A,T,C or G

<400> 722
 cgacgagatt cctgtgaana gagaggggca tcagtccean ccacaanacc ttcanccan 60
 aatgtgttct gntaccaca tacngaagga ttnnnatcga ccaaaccatng aggggacggc 120
 gnaccagtga ctggnctcac tcgagacca tcccatggga aagagccaac ccctgccacn 180
 attgacactc gntatgctt gcangacagt gtgactcctt gacaacagtg tgctctgtta 240
 tggttttatg aaaccagttt acagtcttcc tccaaggtct ctgcttcagt ccctgcctcc 300
 aggaaatgcc ctgcttgtgt ttctgctctg acttccccca gtgatggaat gttaccatgg 360
 naagataaaa taaatcttcc ccacatc 387

<210> 723
 <211> 318
 <212> DNA
 <213> Mus musculus

<400> 723
 gcctcccca gccctgaagc aggttgattc agacttgacc tcgctgcgc tgagcatgag 60
 accacctggg gtggagcctt ccgacctagc cggctctatt gttctgtcac ctgctgctgc 120
 tcgtctccaa gacactgcta cctgctgaaa ggcccttgag ataactctgga gacagcatcc 180
 agccgatcac ctactggctg gcgaagggca ccaagaatgg attgtttggg gggggcgggg 240
 gaggaatggt gggatgggga tgggcggccc ctctttataa gtacagactc ttagtaaaact 300
 ttggggcctt gaacagaa 318

<210> 724
 <211> 316
 <212> DNA
 <213> Mus musculus

<400> 724
 gcctccccag ccctgaagca ggttgattca gacttgacct cgctgccgct gagcatgaga 60
 ccacctgggg tggagccttc cgacctagcc ggctctattg ttctgtcacc tgctgctgct 120
 cgtctccaag acactgctac ctgctgaaag gcccttgaga taatctggag acagcatcca 180
 gccgatcacc tactggctgg cgaagggcac caagaatgga ttgtttgggg ggggcggggg 240
 aggaatggtg ggatggggat gggcggcccc tctttataag tacagactct tagtaaaactt 300
 tggggccttg aacaga 316

<210> 725
 <211> 130
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(130)
 <223> n = A,T,C or G

<400> 725
 agctcaatgt ctggctgcag cacctgtgga tgtcctgctg ctatgaagcc naaacttaaa 60
 aatggaaacc natgtgtgca gactgctgga gagagagaga gagagagaga gagagagaga 120
 gaaaaaaaaa 130

<210> 726
 <211> 288
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(288)
 <223> n = A,T,C or G

<400> 726
 ggacttgacc tcgctgccgc tgagcatgag accacctggg gtggagcctt ccgacctagc 60
 cggtctctatt gntctgtcac ctgctgctgc tcgtctccaa gacctgcta cctgctgaaa 120
 ggcccttgag ataactctga gacagcatcc agccgatcac ctactggctg gcgaagggca 180
 ccaagaatgg attgtttggg gggggcgggg gaggaatggt gggatgggga tgggcggccc 240
 ctctttataa gtacagactc ttagtaaaact ttggggcctt gaacagaa 288

<210> 727
 <211> 135
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(135)
 <223> n = A,T,C or G

<400> 727

aggagacgag gttagtctgt gtggccctgg ctgtcctgga actcactctg tagacaaggn 60
 tggncacta actcagnaga tctacctgnc tntgcctcct gagattaaaa gtgtgtgcca 120
 ccaccaaaaa aaaaa 135

<210> 728
 <211> 176
 <212> DNA
 <213> Mus musculus

<400> 728
 ttaagggttc cagactgccc tttgggattc aaacgggagc cgctttggac tgactggctg 60
 ccttcctect cctccccctc ctecccttc tgcttcagat ttatttatta tatgtaagta 120
 cactgtagca gttgtaggac acactagacg agggcaccag atctcattgt ggggtg 176

<210> 729
 <211> 271
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(271)
 <223> n = A,T,C or G

<400> 729
 atgaagcctg gactgncctn gaactcctgg atacccaagg atggcactga acttctcatc 60
 cttctaantc ccangtgnta ananttcagg tatggnetgg tgagatggct canatgggta 120
 agagcgcccc acgtgctctt ccgaaggctc gaagntcagn tnccagnnac cacatgggtg 180
 ctcaacaaca tctgtancaa gatctgacgc cctcttctgn antgtctgag gacngctaca 240
 nncgtnttta catntaatca cacaatttaa a 271

<210> 730
 <211> 361
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(361)
 <223> n = A,T,C or G

<400> 730
 cccacccaca aaaccttcaa cccaaaatgt gttctgccta caagatacac agggataaag 60
 atggagcagg agattgaggg gacggctaan cagngactgn ctaactcgag acccatcca 120
 tgggagagag ccaacccctg ccactattga cactcggcta tgcttgaga cagtgtgact 180
 ccttgacaac agtgtgcctc gttatgggtt tatgaaacca gttaacagtc ttctccaag 240
 gtctctgctt cagtccctgc ctccaggaaa tgcctgctt gtgtttctgc tctgacttcc 300
 cccagtgatg gaatgntacc atgggagata aantaaatct tttcccatat caaaaaaaaa 360
 a 361

<210> 731
 <211> 284
 <212> DNA
 <213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(284)
 <223> n = A,T,C or G

<400> 731
 gatttaggaag cctggactgc cttgaactnc tggatacca ggatggcact gaacttctca 60
 tccttctaata tccaagtgt taagatttca ggtatgggct ggtgagatgg ctcatgtgggt 120
 aagagcgccc gactgctctt ccgaaggctt gaagttcaaa tcccagcaac cacatggtgg 180
 ctcaacaacca tctgtaacaa gatctgacgc cctcttctgg agtgtctgaa gacagctaca 240
 gtgtacttac atataataaa taaataaatc tttaaaaaaa aaaa 284

<210> 732
 <211> 365
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(365)
 <223> n = A,T,C or G

<400> 732
 tcacaacgac caccangaac agcagccgca gtggaggagc ggggagccag agcctanaag 60
 acaaagctgc gtgtgctgca gagggcggag ccagaaaagt gacccaaacc cttcggagga 120
 gcccgagac cttgagttga ttcagacttt ggatgccgag ttatttgatt attgttgggg 180
 tttgtttttg ctttgattcg attgtgacac tgccctgggt cttctctctt ggagtaagaa 240
 agtatttaaat gtattttttt attttacaag ancccacann tnaaanactg aatttttgaa 300
 gaaatttttag gacctcaaag acgctttgcg gttaaaaaga ctgaatttta aactgtttga 360
 acttg 365

<210> 733
 <211> 191
 <212> DNA
 <213> Mus musculus

<400> 733
 gggttccaga ctgccctttg ggattcaaac gggagccgct ttggactgac tggctgcctt 60
 cctcctcctc ccctcctcc ccttctgct tcagatttat ttattatatg taagtacact 120
 gtagcagttg taggacacac tagacgaggg caccagatct cattgtgggt ggtgtggaac 180
 caccacccat g 191

<210> 734
 <211> 140
 <212> DNA
 <213> Mus musculus

<400> 734
 agctcagcat ggaagctccc agctaccgct ccagtgcgat gcctgtctgc ccactgtcat 60
 gctccacgcc acgatggcca tggactctaa tgctctgtga ctgtgaacct caataaactc 120
 gttcttttat aaaaaaaaaa 140

<210> 735
 <211> 395
 <212> DNA
 <213> Mus musculus

<400> 735
gaactggtcc ctactgtaac cagacaggac ttctctgtgaa gagagagggg catcaaccca 60
cccacaaaac cttcaaccca aaatgtgttc tgcctacaag atacacaggg ataaagatgg 120
agcagagatt gaggggacgg ccaaccagtg actgcctaac tcgagaccca tcccatggga 180
gagagccaac ccctgccact attgacactc ggctatgctt gcagacagtg tgactccttg 240
acaacagtgt gcctcgttat ggttttatga aaccagttaa cagtcttcct ccaaggtctc 300
tgcttcagtc cctgcctcca ggaaatgcc tgcctgtgtt tctgctctga cttccccag 360
tgatggaatg ttacatgga agataaaata aatct 395

<210> 736
<211> 392
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(392)
<223> n = A,T,C or G

<400> 736
ccagaaacca gctatccaac aatccaccaa cccagccatc cagccatcca ccaaccagc 60
catccagcca tccagnaaac cagccatcca gccatccagc catccaccaa cccagccatc 120
cagccatcca gcaaccagc catccagcca tccagcaacc cagccatcca gccatccagc 180
aatagcaaaa gcagcaaatg cagcagcagg gaccaacagc agggggagca gtgcccccg 240
cccaggtctc ctgggagctc ttgaatttat accctctcaa gagtccccag aattccaaat 300
gcaaaactatc tgcaggtggc aaaaatcata gntagcagcc ctgtatccca cacctgagat 360
taaagcanaa acataatcac ataagatgaa aa 392

<210> 737
<211> 246
<212> DNA
<213> Mus musculus

<400> 737
ggccttgttt ggaagagatg atcaataact acaatgagct aagcagaagt ttaagatcaa 60
tgtactgggg ctggtgagat agctcagtg gtaagagcac ccgactgctc ttgctaagg 120
ccggagttca aatcccagca agcacatggg ggctcacaac catccgtaac aagatctgac 180
tccctcttct ggagtgtctg aagacagcta cagcgtactt acatataata aataaataaa 240
taaaaa 246

<210> 738
<211> 168
<212> DNA
<213> Mus musculus

<400> 738
cagaactgcc tttgggatta aacgggagcc gctttggact gactggctgc cttcctctc 60
ctccccctcc tcccccttct gcttcagatt tatttattat atgtaagtac actgtagcag 120
ttgtaggaca cactagacga gggcaccaga tctcattgtg ggtggttg 168

<210> 739
<211> 250
<212> DNA
<213> Mus musculus

<400> 739

gcctcccca	gccctgaagc	aggttgattc	agacttgacc	tcgctgccgc	tgagcatgag	60
accacctggg	gtggagcctt	ccgacctagc	cggctctatt	gttctgtcac	ctgctgctgc	120
tcgtctccaa	gacctgcta	cctgctgaaa	ggcccttgag	ataatctgga	gacagcatcc	180
agccgatcac	ctactggctg	gcgaagggca	ccaagaatgg	attgtttggg	gggggcgggg	240
gaaggaatgg						250

<210> 740
 <211> 400
 <212> DNA
 <213> Mus musculus

<400> 740						
gtaacccgac	aggacttcct	gtgaagagag	aggggcatca	accacccac	aaaaccttca	60
acccaaaatg	tgttctgcct	acaagataca	cagggataaa	gatggagcag	agattgaggg	120
gacggccaac	cagtgactgc	ctaactcgag	acccatccca	tgggagagag	ccaacccctg	180
ccactattga	cactcggcta	tgcttgacaga	cagtgtgact	ccttgacaac	agtgtgcctc	240
gttatggttt	tatgaaacca	gttaacagtc	ttcctccaag	gtctctgctt	cagtccctgc	300
ctccaggaaa	tgccctgctt	gtgtttctgc	tctgacttcc	cccagtgatg	gaatgttacc	360
atggaagata	aaataaatct	ttcccacatc	aaaaaaaaaa			400

<210> 741
 <211> 322
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(322)
 <223> n = A,T,C or G

<400> 741						
agcagatggg	aaaagataat	acacatgagg	taaggactgg	aaccaatgaa	ancagaaatg	60
aagagaagaa	natatacaaa	gaatcaaaaca	aaattgggttc	tttgaaaaga	ttaacaagat	120
tgacaagtct	ttagctgaaa	ccttcccca	atatgaagca	ggctgagcca	gaccttgact	180
ttgctgccac	taagaagatc	acctaggggtg	gagcctgcct	ccctagatca	ctctattggt	240
cagccactgt	cgctgctacc	tgctgggagt	ctgcctagct	attccggaga	ctacacccta	300
tcctgcaagg	tgatcacctg	ca				322

<210> 742
 <211> 254
 <212> DNA
 <213> Mus musculus

<400> 742						
gccctgaagc	aggttgattc	agacttgacc	tcgctgccgc	tgagcatgag	accacctggg	60
gtggagcctt	ccgacctagc	cggctctatt	gttctgtcac	ctgctgctgc	tcgtctccaa	120
gacctgcta	cctgctgaaa	ggcccttgag	ataatctgga	gacagcatcc	agccgatcac	180
ctactggctg	gcgaagggca	ccaagaatgg	attgttttgg	gggggcgggg	ggaggaatgg	240
tgggatgggg	atgg					254

<210> 743
 <211> 254
 <212> DNA
 <213> Mus musculus

<400> 743

gaagcctccc	ccagccctga	agcagggtga	ttcagacttg	acctcgctgc	cgctgagcat	60
gagaccacct	ggggtggagc	cttccgacct	agccggctct	attgttctgt	cacctgctgc	120
tgctcgtctc	caagacactg	ctacctgctg	aaaggccctt	gagataatct	ggagacagca	180
tcagccgat	cacctactgg	ctggcggaag	gcaccaagaa	tggattgttt	ggggggggcg	240
ggggaggaat	ggtg					254

<210> 744
 <211> 188
 <212> DNA
 <213> Mus musculus

<400> 744						
gtctcagaag	tcacgaagag	gtcacgtcag	ctcccctggt	ggagctggag	ctacaagcaa	60
ctgtgaaaac	tactctgcat	attactcttc	aaaagcagta	acaagtgatc	ttccaccctt	120
ctgcctctcc	tctgcaagaa	cagcaagtgc	tcttaacctg	ttaatcatgg	agcattttca	180
ctagcaaa						188

<210> 745
 <211> 400
 <212> DNA
 <213> Mus musculus

<400> 745						
gctacctgca	ttaagtcacg	aactgagggt	cctcatgtag	cccacactag	attcaaactc	60
gctgtgtact	aagtaagtct	ggccttgaac	cctcctgtcc	acacctccag	ttgggatcta	120
aggatgtgt	caccatgccc	agttatttgt	ttgcttgttt	gtttcgagac	agggtttctc	180
tgtggagccc	tggctgtctt	ggaactcaact	ctgtagacca	ggctggcctc	gaactcagaa	240
atccacctgc	ttctgcctct	aagtgcctggg	atgaaaggcg	tgcgccaaca	ctgtccggcc	300
caccatgccc	agttttaagc	tcgattatit	atttaattta	agactgggtct	tcctgtgtaa	360
cccaagctcc	aacatgttat	ctgtcgttca	gtctctgcgg			400

<210> 746
 <211> 146
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(146)
 <223> n = A,T,C or G

<400> 746						
ggagctggag	ctacaagcaa	ntgngaaaac	tactctgcat	attactcttc	aaaagcagta	60
acaagtgatc	ttccaccctt	ctgcctctcc	tctgcaagaa	cagcaagtgc	tcttaacctg	120
ttaatcatgg	agcattttca	ctagca				146

<210> 747
 <211> 208
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(208)
 <223> n = A,T,C or G

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
121
122
123
124
125
126
127
128
129
130
131
132
133
134
135
136
137
138
139
140
141
142
143
144
145
146
147
148
149
150
151
152
153
154
155
156
157
158
159
160
161
162
163
164
165
166
167
168
169
170
171
172
173
174
175
176
177
178
179
180
181
182
183
184
185
186
187
188
189
190
191
192
193
194
195
196
197
198
199
200
201
202
203
204
205
206
207
208
209
210
211
212
213
214
215
216
217
218
219
220
221
222
223
224
225
226
227
228
229
230
231
232
233
234
235
236
237
238
239
240
241
242
243
244
245
246
247
248
249
250
251
252
253
254
255
256
257
258
259
260
261
262
263
264
265
266
267
268
269
270
271
272
273
274
275
276
277
278
279
280
281
282
283
284
285
286
287
288
289
290
291
292
293
294
295
296
297
298
299
300
301
302
303
304
305
306
307
308
309
310
311
312
313
314
315
316
317
318
319
320
321
322
323
324
325
326
327
328
329
330
331
332
333
334
335
336
337
338
339
340
341
342
343
344
345
346
347
348
349
350
351
352
353
354
355
356
357
358
359
360
361
362
363
364
365
366
367
368
369
370
371
372
373
374
375
376
377
378
379
380
381
382
383
384
385
386
387
388
389
390
391
392
393
394
395
396
397
398
399
400
401
402
403
404
405
406
407
408
409
410
411
412
413
414
415
416
417
418
419
420
421
422
423
424
425
426
427
428
429
430
431
432
433
434
435
436
437
438
439
440
441
442
443
444
445
446
447
448
449
450
451
452
453
454
455
456
457
458
459
460
461
462
463
464
465
466
467
468
469
470
471
472
473
474
475
476
477
478
479
480
481
482
483
484
485
486
487
488
489
490
491
492
493
494
495
496
497
498
499
500
501
502
503
504
505
506
507
508
509
510
511
512
513
514
515
516
517
518
519
520
521
522
523
524
525
526
527
528
529
530
531
532
533
534
535
536
537
538
539
540
541
542
543
544
545
546
547
548
549
550
551
552
553
554
555
556
557
558
559
560
561
562
563
564
565
566
567
568
569
570
571
572
573
574
575
576
577
578
579
580
581
582
583
584
585
586
587
588
589
590
591
592
593
594
595
596
597
598
599
600
601
602
603
604
605
606
607
608
609
610
611
612
613
614
615
616
617
618
619
620
621
622
623
624
625
626
627
628
629
630
631
632
633
634
635
636
637
638
639
640
641
642
643
644
645
646
647
648
649
650
651
652
653
654
655
656
657
658
659
660
661
662
663
664
665
666
667
668
669
670
671
672
673
674
675
676
677
678
679
680
681
682
683
684
685
686
687
688
689
690
691
692
693
694
695
696
697
698
699
700
701
702
703
704
705
706
707
708
709
710
711
712
713
714
715
716
717
718
719
720
721
722
723
724
725
726
727
728
729
730
731
732
733
734
735
736
737
738
739
740
741
742
743
744
745
746
747
748
749
750
751
752
753
754
755
756
757
758
759
760
761
762
763
764
765
766
767
768
769
770
771
772
773
774
775
776
777
778
779
780
781
782
783
784
785
786
787
788
789
790
791
792
793
794
795
796
797
798
799
800
801
802
803
804
805
806
807
808
809
810
811
812
813
814
815
816
817
818
819
820
821
822
823
824
825
826
827
828
829
830
831
832
833
834
835
836
837
838
839
840
841
842
843
844
845
846
847
848
849
850
851
852
853
854
855
856
857
858
859
860
861
862
863
864
865
866
867
868
869
870
871
872
873
874
875
876
877
878
879
880
881
882
883
884
885
886
887
888
889
890
891
892
893
894
895
896
897
898
899
900
901
902
903
904
905
906
907
908
909
910
911
912
913
914
915
916
917
918
919
920
921
922
923
924
925
926
927
928
929
930
931
932
933
934
935
936
937
938
939
940
941
942
943
944
945
946
947
948
949
950
951
952
953
954
955
956
957
958
959
960
961
962
963
964
965
966
967
968
969
970
971
972
973
974
975
976
977
978
979
980
981
982
983
984
985
986
987
988
989
990
991
992
993
994
995
996
997
998
999
1000

<400> 747
 agactgagggc ttggtgcctg cagagacngg agacagagaa nacagaggag catgtcggct 60
 cccctgagat tggagtgtga ggtcgtttgtg agtcaccatg tgcttgctcc gaactgaacc 120
 taggtcctct gcaggagact cttaattcct gagtcatctc tccagcttct ggcattagta 180
 cttttttaat gtgagaaaat taaaaaaaa 208

<210> 748
 <211> 357
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(357)
 <223> n = A,T,C or G

<400> 748
 tattgtagag tttggnatac aggtcaaagg atctgaaggt gatgaaaggn gctnccncac 60
 atgaanacca acagcngngt caactancct ggaccctga atactccan aaacaacacc 120
 caaagaacat acatggactt attcaaggcc tgtggcacat atctancnaa naacttgant 180
 ntccccagng ggagaggatg tgcccngttc tgtacagact atataccagg nngatacctg 240
 gggaggtcac cctctcagag gttaaatgga ggaagacag agtggggaat tctgngaggg 300
 ggtaatggga gatggggcaa tatttgggat gaaaataaat atgtgataaa aaaaaaa 357

<210> 749
 <211> 331
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(331)
 <223> n = A,T,C or G

<400> 749
 tactgagatt cctggaaatg ctctgagaag cagcagcaag tgatacggac aggagaggac 60
 agtgaagcag aagctcgggg acagaactcc acagacacta cccatgtggg gagagcgtgt 120
 tgacattgtt gacaaaataa aacaacaatc cccaacaaca ncaacaacaa caacaacaac 180
 aacaacaaca acagcaacaa ccaaccccaa acatgatagg aaacagctaa taaaaacatn 240
 cctttatagc cagtacaaag gcatgtgtaa aattaatttg aactctgcta ttgaagaata 300
 aaaattactg gcctcttgtg aaaaaaaaaa a 331

<210> 750
 <211> 198
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(198)
 <223> n = A,T,C or G

<400> 750
 tttgagaaat atctggaacg gttgggagat cccaaggaga gtgctggcca gaatttcagc 60
 tganagcaac agctctcaaa gctgtttgtg tctccagcta ctctntgaac cagctcccga 120
 caggaggcag gagactatgc ctcagattta caatttgcac ttgaataaag tacctagact 180

tncccgaaag aaaaaaaa

198

<210> 751

<211> 218

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(218)

<223> n = A,T,C or G

<400> 751

agatggggtc	tggctgtgtt	gcctatgctt	gntntggaac	ncctggcttn	aagtgatcct	60
nccacctnan	tctcccaagt	cactaggatt	acaggcgtaa	acccctgcac	ctgggtcaacc	120
tgcaacaaat	taaatgcaga	agcaaatatg	aaaatctgnc	ttctgtaaaa	ccggatgtta	180
agaaatttgc	aaagatgtga	aacctctaaa	aaaaaaaa			218

<210> 752

<211> 173

<212> DNA

<213> Mus musculus

<400> 752

gactgaggtc	tcagaagtca	gaagaggtca	cgtcagctcc	cctgggtggag	ctggagctac	60
aagcaactgt	gaaaactact	ctgcatatta	ctcttcaaaa	gcagtaacaa	gtgatcttcc	120
acccctctgc	ctctcctctg	caagaacagc	aagtgtcttt	aacctgttaa	aaa	173

<210> 753

<211> 384

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(384)

<223> n = A,T,C or G

<400> 753

ctggagccca	gcatagncat	tatnggagag	gcttcaccca	tgcaattgat	ggaaagagat	60
gcaganaccc	actgccttac	atgatnacaa	agcctgggaa	agagggagaa	gatganttgg	120
gggaaccana	ggggtnaaaa	acaccaagaa	aacctgtana	atcaaccanc	ctgaccccat	180
agnagctcac	ggagactgaa	ccaccaacca	gggagcctgc	aggggaaccga	cctaggcctc	240
tgacatatag	taacagttgt	gcagcttgct	cttggttaggt	gtgggactcc	tagcagaggg	300
agcagaggct	gtctctgact	cctttggctg	cctgtcaagt	aaatacatta	ataaaaactt	360
gnttggaaaa	tttaaaaaaa	aaaa				384

<210> 754

<211> 150

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(150)

<223> n = A,T,C or G

<400> 754
cagcgtgac cccgtgatag aactgaggag ctgaaatcac cccgtgtctg nagagnngag 60
cattgntaca gctctgctgg agaaagagag agaggagaga gagagagaga gagacagaga 120
ggnggagag aaaagagaga aaagagagag 150

<210> 755
<211> 174
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(174)
<223> n = A,T,C or G

<400> 755
tgaggctca aaagtnagaa gaggtcagtc acgctcccct ggtggagctg gagctacaag 60
caactgngaa aactactctg catattactc ttcaaaagca gtaacaagtt gatcttcac 120
ccctctgcct ctctctctgca agaacagcaa gggctcttaa cctgttaaaa agaa 174

<210> 756
<211> 214
<212> DNA
<213> Mus musculus

<400> 756
agtatgtgga gggatctttt gagaaatatc tggaacgggtt gggagatccc aaggagagtg 60
ctggccagaa attcagctga gagcaacagc tctcaaagct gtttgtgtct ccagctactc 120
tctgaaccag ctcccgacag gaggcaggag actagcctca gatttacaat ttgcatttga 180
ataaagtacc tagacttccc cgaaagaaaa aaaa 214

<210> 757
<211> 271
<212> DNA
<213> Mus musculus

<400> 757
actgaggacc caatcaaagg cagcccaacc atctggaatc tggaagaagc tgggtctagc 60
actcggaagg cagaggaagg cggatatatg agttcgaggc cagcctggtc tacagagcaa 120
gtttcaggac agccagggct aacacagaga aaccctatct tgaaaaacaa ccaaaagggg 180
aaaaaaaaatca atctggaaga aaagctggct tattagggct aatagtgtgg gatttaaata 240
tataacaacca tggcttgctc aaaaaaaaaa a 271

<210> 758
<211> 207
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(207)
<223> n = A,T,C or G

<400> 758
agactgacgg agaaaacacc ctgggcatag accatantta ctntttgtgg aactccana 60
ggtcggacag gaancatggc tgggtccta cctgaagagc cacacacann cgnctttcta 120

<221> misc_feature
 <222> (1)...(377)
 <223> n = A,T,C or G

<400> 762
 actgaggttt ttcttcccggn gaanagacaa agaggactac tgaagctctt ataaagaaaa 60
 gcattttaatt ngggctggct tacaattcag agctttaatc cattattgtc atggtaggaa 120
 acatggcagc acacaagcag acatggngct ggagataaat agccaaaagt tctttctaca 180
 tcttcgtctg caggcagcag gaagtttgan agacagnggg tctggcttga gcatttgcaa 240
 cctcaaagac cccacccac cctgtgaca cacttccttc aacaagccac acctaatagc 300
 cattcccagg ngactaagca tttaaatctc tgagccacag tataacttca ataaattcct 360
 tgaatttga cttaaaa 377

<210> 763
 <211> 219
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(219)
 <223> n = A,T,C or G

<400> 763
 atgagtttga acactcacca caagagaggg atggcccana gatcaaggaa gaggaacaag 60
 ttatcccaa ctctccaaac actgggacct ggtaaaatag aagagccacg ggaggcagag 120
 gcaggcggat ttctgagttc gaggccagcc tgggtctacag agtgagttct aggacagcca 180
 gggctataca gagaaacct gtctcgaaaa aaacgaaaa 219

<210> 764
 <211> 299
 <212> DNA
 <213> Mus musculus

<400> 764
 ctgtcagagt ttgtcaccag cctctgacgt gcatttataa tcatctgctg gacatttcta 60
 cctggaaaat ttgaattctt ggtattttgc ataattgtgtt ccaagtagag ctaattgccc 120
 tcaacagatt ggatgatgcc aaccataact aagaaggaaa atcttcttga tttagtctac 180
 taatccaaat ggtaatctct tctggaaaca ccctcacaca tacaaccaga aataatgttt 240
 aaccaggtat cttgagcatt tctgtggccc aataaagttg acaaataaaa tcaaaaaaa 299

<210> 765
 <211> 296
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(296)
 <223> n = A,T,C or G

<400> 765
 aagcaggttg attcangact tgacctcgct gccgctgagc atgagaccac ctgggggtgga 60
 gccttccgac ctagccggct ctattgttct gtcacctgct gctgctcgtc tccaagacca 120
 tgctacctgc tgaaaggccc ttgagataat ctggagacag catccagccg atcacctact 180
 ggctggcgaa gggcaccaag aatggattgt ttgggggggg cggggggagga atggngggat 240

gggggatgggc ggccccctctt tataagtaca gactcttaga aaactttggg gccttg 296

<210> 766
 <211> 257
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(257)
 <223> n = A,T,C or G

<400> 766
 tgctaatagat gactcacntg ncnngagcc ttngacctn tannnttctt ttgatntggn 60
 antntgccgc tgctctcctc caagacactg ctacctgctg agaggccctc gagatattcc 120
 agaggcacat cctatcctgc acatcctcgc ctgcaggctg gctccaggca ccaagaatgg 180
 attggcgggg gatgggcttt ccccttttta agcacagtct ctgagtaaaa tctcgggcct 240
 tgatcagaaa aaaaaaa 257

<210> 767
 <211> 319
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(319)
 <223> n = A,T,C or G

<400> 767
 aagcctcccc cagccctgaa gcaggttgat tcagacttga cctcgctgcc gctgagcatg 60
 agaccacctg gggtaggagcc ttccgacctc gccggctcta ttgttctgtc acctgctgct 120
 gctcgtctcc aagacactgc tacctgctga aaggcccttg agataatctg gagacagcat 180
 ccagccgatc acctactggc tggcgaaggc caccaagaat ggattgtttg gggggggcgg 240
 gggaggaatg gtggattggg gatgggcggc ccctctttat aagtnacagc tcttagtaaa 300
 ctttggggcc ttgaacaga 319

<210> 768
 <211> 172
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(172)
 <223> n = A,T,C or G

<400> 768
 gggtaggagct tcctgctcat ttgtntctggc angcccantg gtggaacctg tgnagccaca 60
 cactgggcac ctttantact ggaccagaga ttattcccgc tgggaatngg ntccctncc 120
 ccttncttca taactgagtg tngcaacagt aaaattggag ctttgatcaa aa 172

<210> 769
 <211> 385
 <212> DNA
 <213> Mus musculus

<400> 769
agactggtcc ctactgtaac cagacaggac ttctctgtgaa gagagagggg catcaaccca 60
cccacaaaac cttcaaccca aaatgtgttc tgcctacaag atacacaggg ataaagatgg 120
agcagagatt gaggggacgg ccaaccagtg actgcctaac tcgagaccca tcccatggga 180
gagagccaac ccctgccact attgacactc ggctatgctt gcagacagtg tgactccttg 240
acaacagtgt gcctcgttat ggttttatga aaccagttaa cagtcttcct ccaagggtctc 300
tgcttcagtc cctgcctcca ggaaatgcc tgcttggtgtt tctgctctga cttccccag 360
tgatggaatg ttaccatgga agata 385

<210> 770
<211> 315
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(315)
<223> n = A,T,C or G

<400> 770
cctccccag ccctggaagc aggttgattc agacttgacc tcgctgccgc tgaagcatga 60
gaccacctgg ggtggagcct tccgacctag ccggtctat tggtctgtca cctgctgctg 120
ctcgtctcca anacactgct acctgctgaa aggccttga nataatctgg agacagcatc 180
cagccgatca cctactggct ggcgaagggc accaaaaatg gattgtttgg gggggcgagg 240
ggaagaatgg tgggatgggg atgggcggcc ccnctttata antacagact cttagtaaac 300
tttggggcct tgaac 315

<210> 771
<211> 317
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(317)
<223> n = A,T,C or G

<400> 771
gcctccccg ccctgaagca ggttgattca nacttgacct cgctgccgct gagcatgaga 60
ccacctgggg tggagccttc cgacctagcc ggctctattg ttctgtcacc tgctgctgct 120
cgtctccaag aactgctac ctgctgaaag gcccttgaga taatctggag acagcatcca 180
gccgatcacc tactggctgg cgaagggcac caagaatgga ttgtttgggg ggggcggggg 240
aggaatggtg ggatggggat gggcgggccc tctttataag tncagactct tagtaaactt 300
tggggccttg aacagaa 317

<210> 772
<211> 139
<212> DNA
<213> Mus musculus

<400> 772
gctcagcatg gaagctccca gctaccgctc cagtgcgatg cctgtctgcc cactgtcatg 60
ctccacgcca cgatggccat ggactctaata gctctgtgac tgtgaacccc aataaactcg 120
ttcttttata aaaaaaaaaa 139

<210> 773

<211> 170
 <212> DNA
 <213> Mus musculus

<400> 773
 gactgccttt gggattcaac gggagccgct ttggactgac tggctgcctt cctcctcctc 60
 cccctcctcc cccttctgct tcagatttat ttattatatg taagtacact gtagcagttg 120
 taggacacac tagacgaggg caccagatct cattgtgggt ggttgttacc 170

<210> 774
 <211> 100
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(100)
 <223> n = A,T,C or G

<400> 774
 atgctctcta agacggncct tgcagtgggg atcgacggta tacgataagc ttcgagcggg 60
 atcaattccg cccccccct aacgttactg gccgaagccg 100

<210> 775
 <211> 283
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(283)
 <223> n = A,T,C or G

<400> 775
 tcgctgtgct tgcaaagaaa aatctgggta tttcangaag taacaactgn tggntggttt 60
 cacacaaagg agtctgagag atggctctcc agttaaacgc actggctgtt tttccagagg 120
 tcccaggttt gagttttcca gcacacacat ggaggctcac aactctctat aactctgact 180
 ctaaggaatc ccgacaacct cttttgggtc ccaaaggcac caggcacata tgtgatgcat 240
 agacatgaag aaccaatata cataaaaatt aaaattaaaa aaa 283

<210> 776
 <211> 203
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(203)
 <223> n = A,T,C or G

<400> 776
 ccctccccca gcctgnacct gcttgctcan gggnggagct tcttgcctcat ttgtntctgcc 60
 acgcccactg ctgnaacctg tggagccaca cactggncac ctttctactg gaccaganat 120
 tattcngccg gnaanctggg tccccnccc ctttcttcat aactgantgt ngcaacagta 180
 aaattggagc tttgatcaga aaa 203

<210> 777
 <211> 328
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(328)
 <223> n = A,T,C or G

<400> 777
 gggtcatgcc ttggcggttct gtcctgggtg gttgtctgtc accttgacac aagctggggt 60
 catctgagaa gagggagcct cagttgagga aatgtctctc ccacactggc ctgtgggcaa 120
 gtgtgcngtg gcattttcat gattgggtgtg gaggacccgg tggccttggt ttgtgtatga 180
 aagcaggctg aacaagccat aaaggcaagc cggtcctcct ctatggcctg tccatgagct 240
 cctgccttga ctccctcca ggatggacta taaactgtca gctttgagtc tccgatnaag 300
 agcacagata aagatggaaa aaaaaaaaa 328

<210> 778
 <211> 170
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(170)
 <223> n = A,T,C or G

<400> 778
 tgggttaggg cacctgantg ctctttcgaa ggtccnagt tcaaatccca acaacnngn 60
 gnggggtcca caaccatctg taacnagatc tgactccctc ttctggagtg tctgaagaca 120
 gctacagtgt acttacatat aatcaataaa taaatcttta aaaaaaaaaa 170

<210> 779
 <211> 198
 <212> DNA
 <213> Mus musculus

<400> 779
 agactgaggt cccgcggagt cccggaaccc agatggcgac cgctgctgct gaggctgagg 60
 ccgcctccca agccaggcgg acacctgtcc tctgggtccg atgggtggccg gttgtctgcc 120
 ttcttgtct tttatatagg ctggcagccg aagggtgtcg ctaattaaag gtgtgtcttt 180
 gtatctcaaa aaaaaaaaa 198

<210> 780
 <211> 229
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(229)
 <223> n = A,T,C or G

<400> 780
 ggggaccgtg gcttcttcta caccatgt cccgccnga agtgnangac ccacaagtt 60

ttctggaaca	ctganngnnc	tngcaggggt	gctgtnttca	nnttccagcn	cccacatggt	120
tgctcacagn	catctgnaat	gatatctcat	accctcttgn	ggtgtgtctg	aagacagcta	180
cagtgtactt	aaataaacta	aataactaaa	ncttgaaaaa	actgtttta		229

<210> 781
 <211> 265
 <212> DNA
 <213> Mus musculus

<400> 781	
gcgtggattc	ttctcacacc
catgtcccg	cgcgagtgga
ggacccacaa	ggtccctcaa
	60
aacacagaga	ccttgggact
ggagagatgg	ctcagcggtt
aagaacactg	actgtctctc
	120
caaaggtcct	gagttcaact
cccagcaacc	acatggtggc
tcacaacat	ctgtaatgag
	180
atctgacgcc	ctcttctggt
cttcagacac	acatgtaaga
aactgctgta	tacataatga
	240
ataaataaat	ctttaaaaaa
aaaaa	
	265

<210> 782
 <211> 179
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(179)
 <223> n = A,T,C or G

<400> 782	
gggtggagct	tcctgtctcat
tagttctgcc	acgcccactg
gtggaacctg	tggagccaca
	60
cactgtgcac	ctttctactg
gaccagagat	tattcgcccg
ggaatnggg	nccctnccnc
	120
ttntctcata	actgagtgt
gnaacagtaa	aattaggagc
tttgatcaga	aaaaaaaaa
	179

<210> 783
 <211> 370
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(370)
 <223> n = A,T,C or G

<400> 783	
tgaggtaact	gaggatcccn
gccaaccag	ggnttacata
nactggngcn	ncantntacc
	60
ngggaactat	atnccccacc
ntatcanaat	gacttgaacc
anggcctngn	tatgtaactg
	120
tgcagccatg	gtggctggga
accctatct	cctgcctttg
tctactaac	ntagaaccan
	180
gnnctagcta	atgggggngg
gcgggccatg	gnggctgaga
accctatct	cctgcctttg
	240
tctgctaagt	gntggcttta
tttatttatn	tattttattta
nnnatttatt	aatatttnga
	300
ggcagggtct	ctgaacacaa
gagaancgcc	ntccctgcct
cccaagttnt	aggattaaaa
	360
gcatgtgcct	
	370

<210> 784
 <211> 128
 <212> DNA
 <213> Mus musculus

<220>

```

<221> misc_feature
<222> (1)...(128)
<223> n = A,T,C or G

<400> 784
atgggtgggc tccataaacg cnaacagctn nnnaaggcnc agatctttcc cagcntggga      60
aagatcctcc ctctccctc cctccctccc tccctccttc caccatacac tcaataaaat      120
aaaataaaa                                     128

<210> 785
<211> 215
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(215)
<223> n = A,T,C or G

<400> 785
gactgagata aagaaacccg cgcgcaggtt gacatcannc atagcctgga actgatggtt      60
gtgagctgtc acatggagaa tcgaaattga acctgggtcc tctggaaggg caaccaatat      120
ccttaactgc tgagctatct ctccagcccc tccaccatc ggttctcttg gcagagaaaa      180
caagagaaaa aggacactat ggaaaaataa agaaa                                     215

<210> 786
<211> 285
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(285)
<223> n = A,T,C or G

<400> 786
ggaagcctgg gctggccttg aactcactgg gatacccaag gatggcactg aacttctcat      60
ccttctaata ggccaagngt taagatttca ggtatgggct ggtgagatgg ctcantgggt      120
aagagccgcc cgactgctct tccgaaggtc tgaagttaa atcccagcaa ccacatggtg      180
gctcacaacc atctgtaaca agatctgacg ccctcttctg gagtgctcta agacagctac      240
agtgtactta catataataa ataaataaat ctttaaaaaa aaaaa                                     285

<210> 787
<211> 127
<212> DNA
<213> Mus musculus

<400> 787
actgagagaa agtgtgctga gaaaccagga ggaaacaaga gctgggtgta acagcacttg      60
ggacgcagtg agttccaggc tagcctgatc tacatagaga aagcctacca agagaagaaa      120
gaaaaaa                                     127

<210> 788
<211> 266
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(266)
<223> n = A,T,C or G

<400> 788
ttctctgtgt agttctggct gtcctagaac tcagagatnc acctacctct gattcaaagg      60
actaggatta aatgcccggt taaagaagat actccagggc tggagagatg gctcagtggg      120
tcagatcaca gactgctcgt ccagaggtcc tgagttcaat tcccagcaac cacaagggtg      180
ctcacaacac ctcttctggg gtgtctaaag acagcaacag tgtattcatg tacattaaat      240
gaataaataa attgtaaaaa aaaaaa                                     266

<210> 789
<211> 378
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(378)
<223> n = A,T,C or G

<400> 789
agaattcctg gtcctnatca cacgagcanc tgacaagggt tcctggggnc gcncnngctn      60
tnaaccatgt angngccttg aactcanaga tctgcctgct tctttctcct aantgcaggg      120
actatagaca tgtaccnnc cncctgactn aagaaantac ttttgncrna tagaaagnca      180
ttnaaaacct actaaactgg ggctggagat gactctgtat ttaagagtac tgtctgctct      240
tccanangac ctaggttnaa ttcccancac ttacntggca ggtcacaact gtctctaact      300
ccagttccag gggatccaac atttctcaata caaacatata ttgaggcaaa acaccaaagc      360
atgttaaaaa aattaaaaa                                     378

<210> 790
<211> 208
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(208)
<223> n = A,T,C or G

<400> 790
aactgaggct tgggtgctgc agagacaggg agnaggagaa gacagaggag catgtcggct      60
cccctgagat tggagtgtga ggtcgttgng agtcaccatg tgcttgctcc gaactgaacc      120
taggtcctct gcaggagact cttaattcct gagtcatctc tccagcttct ggcattagta      180
cttttttaat gtgagaaaat taaaaaaaaa                                     208

<210> 791
<211> 251
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(251)
<223> n = A,T,C or G

```


<400> 791
 cctgtcagtt tateccctgtc atcttttcctt ctgctctgga gtccancgct gaccccggtga 60
 tagaactgag gagctgaaat caccctgtgt ctgctggagtt gagcattgct acagctctgc 120
 tggagaaaga gagagaggag agagagagag agagagagag agagagagga gagagaagag 180
 agagaagaga gagaanaaga aagagagaag agagtggagag gagagagaga ggagagagag 240
 aagagagaaa a 251

<210> 792
 <211> 208
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(208)
 <223> n = A,T,C or G

<400> 792
 ctgaggcttg gtgcctgcag aagcagggag cnaggagaag acaggaggag catgtcggct 60
 cccctgagat tggagtgtga ggtcgttgtg agtcaccatg tgcttgctcc gaactgaacc 120
 taggtcctct gcaggagact cttaattcct gagtcatctc tccagcttct ggcattagta 180
 cttttttaat gtgagaaaat taaaaaaaa 208

<210> 793
 <211> 156
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(156)
 <223> n = A,T,C or G

<400> 793
 gactgagagt gtcacntaag tagccctggc aggctagtct ggaaacttga tgtgtggact 60
 aggctgacct ccatccaatt cacagaaagc cacctgctcc tgcttcccaa gtaccgggat 120
 aaacatgtat gctatatgcc caggtcatgt aaagta 156

<210> 794
 <211> 500
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(500)
 <223> n = A,T,C or G

<400> 794
 agagacagaa cacctggcag ttagtggngg gattggataa accagctgtg tctaaagaaa 60
 aggcagaaat atgcaagtta cagccaagag caataagggg aaagacgggc ccctgaaagg 120
 cagcagcgag acagcttaaa tgcaccaatg aggagaaatg aatatttcaa ggggaatctga 180
 ngacnctcag atggtggctt tctgtctata tggcaaaaga tacagcacia tgggatgacg 240
 ctgttaaatt aagcattctg gaatagatgg tagtattctc actttttaat ataatacacgt 300
 ttttcagggt taaaaagtgt tttcatggct ggggatgtag ctttgtggta gagtgcttac 360
 ccccttacct agcacgttcc tgttttaaca cttantgaaa gggggagatt ttttccattg 420

ttttacttaa	aggagccagt	tctggctttt	aaaatgtcat	tttgtaataa	aagtgtancc	480
caattctgtt	gcttttaaaa					500

<210> 795
 <211> 207
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(207)
 <223> n = A,T,C or G

<400> 795						
gactgaggct	tggtgcctgc	agagncagga	gncagagaag	acagaggagc	atgtcggctc	60
ccctgagatt	ggagtgtgag	gtcgttgtga	gtcaccatgt	gcttgctccg	aactgaacct	120
aggtcctctg	caggagactc	ttaattcctg	agtcattctc	ccagcttctg	gcattagtac	180
ttttttaatg	tgagaaaatt	aaaaaaa				207

<210> 796
 <211> 214
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(214)
 <223> n = A,T,C or G

<400> 796						
gaggaggagc	aaaagaagaa	ggaggaagag	gagaaggaga	aggagatgat	gatgactacc	60
acttctggga	acaaagaagt	gggggatacc	ccagtgggtac	cagacacaat	aacttttttg	120
ctggtgtctt	gaaaattaaa	atccattctt	cattctntgc	tgttttctct	acggcntttg	180
naataaaaatt	tctcattctg	cctaaaaaaa	aaaa			214

<210> 797
 <211> 558
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(558)
 <223> n = A,T,C or G

<400> 797						
ttgtacatgg	tggtgctgga	ctgtgccaac	tgcnngcggg	netccttcaa	ttgttgctga	60
agaactagaa	tggtgctctg	cataccctct	acttcttcat	caagttgaat	gatgaagtca	120
ttcagttctg	tgcaaaggag	agccaaactt	tagtatctta	atTTTTTgtt	tgTTTgtttt	180
ctgtatagcc	ctggngtcc	tggaactcac	tctgtagaca	ggctgtcctc	gaactcagaa	240
atccacttgc	ctttgcctcc	caagtgtctg	gattaaaggc	gtgcaccgcc	accgccacca	300
ccaccaccg	gctaatatct	taacatttta	aaacatttct	ctgctgtatg	tacacacacc	360
cactcacctg	tgtatgtgtg	tgcattgaga	ggccagaagt	caacaccaga	tgtctctttt	420
ctacagcttt	ttacttctca	ttgaacctgg	aacctaccct	tctggctagg	ctagttgacc	480
accaagacc	caaaatagat	tcttttaaa	aatttacttt	ggaattntaa	tcaccacgaa	540
ggaacatttg	gaggggtgg					558

<210> 798
 <211> 291
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(291)
 <223> n = A,T,C or G

<400> 798
 gctgtactgg gaatcaaacc ccaagcttca taaatgctag atggagtttt tctgtgtaac 60
 ccttgtccag aaactctgta gaccaggctg acctcaaact cagagagatc tgcctacctc 120
 tgtctcccaa gttctgggat naaaggncgg ggggtgctgaa agaccctcga ggggaagaccc 180
 tcactnagac acccaagtcc cgggacagtc gcgtacccaa gaagacactg agaccatata 240
 taaaatgtag aaggcangat ttaatanagc agcgacatga aagcaaaaaa a 291

<210> 799
 <211> 455
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(455)
 <223> n = A,T,C or G

<400> 799
 gaagcgtcca cccagcagct gactcagaca gatacagaca cccacagtgg atggaacttg 60
 gagactctta tggaagaata agaanaattg tgggcctgaa ggggatagga actccacagg 120
 aagatcaata gaatcaacta agttggaccc tggttgctct cagagtcctg aaccaccaac 180
 cagagaacat gcatgggctg gacctaggcc tccccacaca tatgtagtag atgtgcagct 240
 tggtctttat gtgggtcccg aacaaatgga acaggggcta tcccaaaaacc tgttgccctgt 300
 ggatggaata tgttctttta gctgggctgn cttggctggc ctcagtggaa gaggaagcac 360
 ctagtcttgc agagacttga agtgccaggg ttgagggata cccacagggg tcccaccagc 420
 tcanagaaag ggggtgaagag attggggaag aattg 455

<210> 800
 <211> 177
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(177)
 <223> n = A,T,C or G

<400> 800
 ctctcatgga agaagagcag gacntaccag agcatccgtc gacgtgcctc cttcangtna 60
 attccagctg gntacncgen agatctaaga gactatnnta nnactcctat gcatcctaca 120
 gngngaggnc cngntccgcc aggacctcac agagaaaccc tatctcaaaa aaaaaa 177

<210> 801
 <211> 134
 <212> DNA
 <213> Mus musculus

```

<220>
<221> misc_feature
<222> (1)...(134)
<223> n = A,T,C or G

<400> 801
gactgagaag ggtttctctg tgtatccctg gctgtcctgg actcactctg tagaccagca      60
tggccttgaa cttacagaga nntgnttgtc tttgcctcct gcgtgctgng attaaaggca      120
tgggccacta cgac                                                              134

<210> 802
<211> 117
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(117)
<223> n = A,T,C or G

<400> 802
cacgtgcacc tttatactgg accagagatt attcggccgg gaatctgggt ncnctccncc      60
ttncttcata actgagttgt ngcancagta aaantggagc tttgatcaga aaaaaaa      117

<210> 803
<211> 213
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(213)
<223> n = A,T,C or G

<400> 803
ctccccctcc ccagcctgaa acctgnttgc tcanggggtgg agcttcctgc tcattngtnc      60
tgccacgccc actgggtggaa cctgnggagc cacacactgt gcacctttct actggaccag      120
agattattcg gccgggaatc tggntncnt ncncttnct tcataactga ntgtngcaac      180
agtaaaattg gagctttgat cagaaaaaaa aaa                                     213

<210> 804
<211> 190
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(190)
<223> n = A,T,C or G

<400> 804
tgggctcagg ccataatnac ttcttgtgnt aactctcaag ggncnnacag gaagcaaggc      60
ttgggtncat aacacagagc acctttacta ctggaccaga gattattcgn cgggaatngg      120
gtnccttncc ccttncttca taactgagtg tngcaacagt aaaattggag ctttgatcag      180
aaaaaaaaaa                                                                190

```

<210> 805
 <211> 182
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(182)
 <223> n = A,T,C or G

<400> 805
 cctgcttgct catggngnga gcttcctgct nattagttct ggcacgccca ctgntgganc 60
 ctgnggagcn acncactgtg cacctttcta ctggaccngg agattattnc cgccggcaat 120
 tggntcncnt ccccttgct tcataactga gtgtggcaac agtaaaattg gagctttgat 180
 ca 182

<210> 806
 <211> 188
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(188)
 <223> n = A,T,C or G

<400> 806
 ttgctcatgg gtggagcttc ctgctnatta gtntgccac gcccantggt ggaacctgng 60
 gagccacaca ctgtgcacct ttctactnga ccagagatta ttgcgcgcgg gaatctggnt 120
 tcntccnc ttgcntcata actgagngtg gcaacagtga aattggagct ttgatcagaa 180
 aaaaaaaaa 188

<210> 807
 <211> 505
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(505)
 <223> n = A,T,C or G

<400> 807
 aactgagggc ccttccttag aactacattt gtagtcntga tgatntccac taaaagtgca 60
 ngcccncgg gtgtggtggc acacaccttt aatcccagca ctcagaagac agagaggcag 120
 gnnntgtct gagttcnagg ccagnctggg ctacaaagng agttccanga cagccaggctc 180
 tatacagaga aaccctgnct caagtgcaag ccctanctcc gatgagagct tgttttcacc 240
 ttcacccctc agtggacttg aatattcccc aaccacttnt gcacccttca gccatgggtcc 300
 tgagtcccac cgcacccctt ttaaactgag gcgcctactc atccggatcc tctgactgca 360
 ggaggctccc acatcaccac ccgcaaagag ggagctcttc ttttttgggg ggagggagct 420
 ctatctctgg gtgcttttct tttgccttta tttttacgta aagtccaaag taaaataaca 480
 ttttaaataca actgaaaaaa aaaaa 505

<210> 808
 <211> 171
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(171)

<223> n = A,T,C or G

<400> 808

gaactgaggt gatgccatct acgagctgag ttttacagcc tgaatgggtc ttccatcatg	60
gagtcagttg tgctatggnc tggggccctg cttcagaggc aagaggatca ggtcctcaga	120
gtcatccttg gctacatact gagctggagg ccaattggag ctgtagaagg c	171

<210> 809

<211> 115

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(115)

<223> n = A,T,C or G

<400> 809

tctgccgcgc ccacatgntg gaacctgagg agccanacac gngcnccttt ntactgnacc	60
ngagatnatt nctggatgga atcaggggcc cctccccctt ccttcataac tgggtg	115

<210> 810

<211> 256

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(256)

<223> n = A,T,C or G

<400> 810

gtaccttgat ggccgggctc agaaaattca atgatgcctc tcacactaat accatgactg	60
anggctggag agatggctca gaggttagga aactggctt gcctaccaga agacccatgt	120
tcaactccca gtcctacatg gcagcttaca actgtgactc cagtttcagg ngctctgata	180
cccttacaca gacatgcatg caagcaaac accagcgcgc atgaaataaa agtaaatacc	240
tttttaaaaa aaaaaa	256

<210> 811

<211> 320

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(320)

<223> n = A,T,C or G

<400> 811

gcaccacagc tcatggctgg cttentataa ctatctcctt gtatctagaa gacctgtgcc	60
actgtaccct gatgncggg ctcagaaaat tcaatgatgc ctctcacact aaaacctga	120

ctcataggct	ggnagatgg	ctcagtgggt	angaacactg	gcttgccctac	cataagaccc	180
angtncaact	cccagnctta	catggcagct	tacaactgtg	actccagttt	caggtgctct	240
gataccctta	cacagacatg	catgcaagca	aaacaccagc	gcgcatgaaa	taaaagtaaa	300
taccttttta	aaaaaaaaaa					320

<210> 812
 <211> 184
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(184)
 <223> n = A,T,C or G

<400> 812	
gtacctgtcc	ggtgctccna
agccgnntcc	tcttaccatc
gtnnacggcc	gccannagct
gtac	
	60
gttngatcac	gaaggatcct
tctctgccat	tcttcaagtc
cgcaacgtga	acggntngan
	120
ttnttgggga	gnttcgatgc
ccagntatgg	cagccaaaat
tgagaaggcc	gctcgagctt
	180
	184

<210> 813
 <211> 391
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(391)
 <223> n = A,T,C or G

<400> 813	
aaacagacaa	gcacccgnca
tncanctctc	accagcagct
gnagaagcgc	acacccagct
cacaagagcc	tgatgcctt
ctcagcgggt	aggagcaactg
cgtggcagct	caactgtttc
cacataaaat	agaaataaat
	60
cctcanaaaa	tgttctacat
ccgagggggc	caggaggtcc
cccgggtggac	accggagcac
tctcactcct	tncaagaggg
gctctttctt	acaagatgga
tgtaacccca	gttctcgggg
cattaagagg	g
	120
agtaacttct	ggaaccactc
aaggtgagcg	attgaatgcg
tgatgcatg	acatcactcc
ctccctgtct	gcagtgtctag
gattcgggtc	ccagcaccca
acccaacaaa	aatatcaata
	180
	240
	300
	360
	391

<210> 814
 <211> 501
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(501)
 <223> n = A,T,C or G

<400> 814	
ctggaggctg	gagctgaggc
tagattgtgc	agcctgcttt
ccacagtatg	ctacccttcc
tctgttggga	gcattttccc
agctgactta	aaactgtgtg
	60
agaagccatg	aaggngtget
cttatagaac	ccaggaccac
catatcaatg	attaatcatg
tctttgaggt	cctcttccaa
gacaaagctt	tcctgaaaag
	120
gcttactggc	ttgctctaca
cagctcaaag	gtggccctgc
aaaactgcac	cacaggccat
actgagtcta	gtatgtgtta
cctcaacatc	acgggaaata
	180
	240
	300

atcccaagag	ctatcaaata	catttgcata	aaatctaaaa	gctttggcac	cgaaaagaca	360
agaattacct	ggagaaacag	acatagaata	gaacaaagtc	ttcccactgc	ctgtcagatg	420
gtgttactat	ttagactaca	caggaaatgc	anagttaa	accagaaaat	tgtctattca	480
ntaaatgtgt	taatggacca	a				501

<210> 815

<211> 318

<212> DNA

<213> Mus musculus

<400> 815

gcctcccca	gccctgaagc	aggttgattc	agacttgacc	tcgctgccgc	tgagcatgag	60
accacctggg	gtggagcctt	ccgacctagc	cggctctatt	gttctgtcac	ctgctgctgc	120
tcgtctccaa	gacactgcta	cctgctgaaa	ggcccttgag	ataatctgga	gacagcatcc	180
agccgatcac	ctactggctg	gcgaaggcca	ccaagaatgg	attgtttggg	gggggcgggg	240
gaggaatggt	gggatgggga	tgggcggccc	ctctttataa	gtacagactc	ttagtaaact	300
ttggggcctt	gaacagaa					318

<210> 816

<211> 238

<212> DNA

<213> Mus musculus

<400> 816

gtgttttgcc	tgtgtgtata	tatgtacacg	tatgtacacc	atgtcatgag	cctccatggt	60
cgtgagagga	ctttggatcc	cttggaactg	gcgttacatt	ggctgtgagc	ctccatgttg	120
gcgctgagaa	gcaaacctgg	gttctctgga	agcgcagcaa	gtgctcttaa	ccatcgagcc	180
atctctccat	ctcaaaccac	ccatgtatat	aaaatgaaaa	tacataaacc	aaaaaaaa	238

<210> 817

<211> 355

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1) ... (355)

<223> n = A,T,C or G

<400> 817

gggttccaag	actgcccttt	gggattcaaa	cgggagccgc	tttggactga	ctggctgcct	60
tcctctctct	ccccctctc	cccttctctc	ttcagattta	tttattatat	gtaagtacac	120
tgtagcagtt	gtaggacaca	ctagacgagg	gcaccagatc	tcattgtggg	tggttgtgaa	180
ccaccaccca	tgnggntgct	gggntttgaa	cncaggatct	tcagaagagc	antnagggct	240
ctaaaccgnt	ganccatctc	tcagacctcc	tgcattcctt	cttaaggcat	gaatgatccc	300
agcataggaa	gacagtctgc	cctccctnct	tttcaagcca	tttccctttc	accat	355

<210> 818

<211> 224

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1) ... (224)

<223> n = A,T,C or G

<400> 818
gactgccctt tgggattcaa acgggagccg ctttggactg actggctgcc ttctctctcc 60
tccccctect ccccttctg cttcagatct atttattata tgtaagtaca ctgtagcagt 120
tgtaggacac actagacgag ggcaccagat ctcattgtgg gtggttgtga accaccacc 180
atgtggnctg tggganttgn actcaggatc ttcagaagag ctgt 224

<210> 819
<211> 349
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(349)
<223> n = A,T,C or G

<400> 819
tattatatgt aagtaacctg tagcagttgt nngacacact ctacgagggc nccagatctc 60
attgtggng gctanagncc ncatatcatg ggctgcnact atgggctcac cttcacccan 120
angnggagta cngacggtac tcttgggaca gacctttttt gngagaatnt gcatggctga 180
ngggttnaaa ctgactctcg ataccatatt tntaccatnc nctccnatcc ttttagtgcc 240
attttcccg cctectattg ccngnattgn tnnantctcg gcagtaatgt tgatntnnat 300
ttttctggac cgaccatcta tggctgtctg nnttggcctt tgaagggtg 349

<210> 820
<211> 210
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(210)
<223> n = A,T,C or G

<400> 820
gctggtgaga cggtcagtg ggtaanagca ccggactgct cttctgaagg nccagagntc 60
aaatccnngc aaccacatgg tggctcacia ccancctgta gatgccagga cttgnaagg 120
gaaaccaact aactccccca ttcccgatcc ctccctcttc ccttcaaaaa tatctcaaca 180
cccatattca gcttaaagaa gttataaaaa 210

<210> 821
<211> 147
<212> DNA
<213> Mus musculus

<400> 821
agactgagag tgtcactaag tagccctgga aggctagtct ggaaacttga tgtgtggact 60
aggctgacct ccatccaatt cacagaaagc cacctgctcc tgccctccaa gtaccgggat 120
aaacatgtat gctatatgcc caggtca 147

<210> 822
<211> 271
<212> DNA
<213> Mus musculus

<220>

```

<221> misc_feature
<222> (1)...(271)
<223> n = A,T,C or G

<400> 822
ggcagtcctca gactgagtat gtcacttctc cnanatacat ctctttcctt tggcnnngnng      60
aacactaacc cctctcctac tccaccaaga ggagacctcc ancagataat tgtcagttng      120
acagaatcct gtogaagctg tagccatgcc cttgtaccan ctatcctgga actccatctg      180
tagaccaggc tggactcaaa ctgaggagat ctgcctgccg ctgctttcca agtgttggaa      240
gtaaaggcgc gtgctaccat gaaaaaaaaa a      271

<210> 823
<211> 308
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(308)
<223> n = A,T,C or G

<400> 823
cctgaacagg ttgattcaga cttgacctcg ctgcccgtcg agcatgagac cacctggggt      60
ggagccttcc gacctagccg gctctattgt tctgtcacct gctgctgctc gtctccaaga      120
cactgctacc tgctgaaagg cccttgagat aatctggaga cagcatccag cccgatcacc      180
tactggctgg cgaagggcac caagaatgga ttgtttgggg ggggcggggg aannaatggn      240
tgggatgggg atgggcngcc cccctcttta taagtacaga ctcttaataa actttggggc      300
cttgaaca      308

<210> 824
<211> 135
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(135)
<223> n = A,T,C or G

<400> 824
tgaacattga ccttctnacc tgctgatatc agtgcgatag ctgtctcctg cttcttctac      60
tatgcctccc ccttccatga tggactgtac tctgaaactg tgagccaaaa tataacttt      120
ttttatgttg aaaaa      135

<210> 825
<211> 148
<212> DNA
<213> Mus musculus

<400> 825
acttggttta aagcctatga agtgacgaca ggagggacaa gaagtccaaa ggcctccttc      60
aatacataat ccaatccagc ctggtctaca gcgtgagttc caggacaacc agggctacac      120
agagaaaccc tgtctcaaaa aaacaaaa      148

<210> 826
<211> 205

```

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(205)
<223> n = A,T,C or G

<400> 826
gactgaggct tgggtgcctgc aganaaggga gaagagaagn agaggagcat gtcggctccc 60
ctgagattgg agtgtgaggt cgttgtgagt caccatgtgc ttgctccgaa ctgaacctag 120
gtcctctgca ggagactctt aattcctgag tcctctctcc agcttctggc attagtactt 180
ttttaatgtg agaaaattaa aaaaa 205

<210> 827
<211> 324
<212> DNA
<213> Mus musculus

<400> 827
gcctccccca gccctgaagc aggttgattc agacttgacc tcgctgccgc tgagcatgag 60
accacctggg gtggagcctt ccgacctagc cggctctatt gttctgtcac ctgctgctgc 120
tcgtctccaa gacactgcta cctgctgaaa ggcccttgag ataactctga gacagcatcc 180
agccgatcac ctactggctg gcgaaggga ccaagaatgg attgtttggg gggggcgggg 240
gaggaatggt gggatgggga tgggcggccc ctctttataa gtacagactc ttagtaaaact 300
ttggggcctt gaacagaaaa aaaa 324

<210> 828
<211> 175
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(175)
<223> n = A,T,C or G

<400> 828
ggagcttcct gctcattngt nctgccacgc ccactgggtg aacctgtgga gccacacact 60
gtgcaccttt ctactggacc aganattatt cggccggnaa tctggntncn ntcccccttg 120
cttcataact gantgtngca acagtnaaat tggagctttg atcagaaaaa aaaaa 175

<210> 829
<211> 237
<212> DNA
<213> Mus musculus

<400> 829
gactgagtgt tttgcctgtg tgtatatatg tacacgtatg tacaccatgt catgagcctc 60
catggtcgtg agaggacttt ggatcccttg gaactggcgt tacattgggtc gtgagcctcc 120
atgttggcgc tgagaagcaa acctgggttc tctggaagcg cagcaagtgc tcttaaccat 180
cgagccatct ctccatctca aaccacccat gtatataaaa tgaaaataca taaacca 237

<210> 830
<211> 378
<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(378)

<223> n = A,T,C or G

<400> 830

gactgaggtt	ctctgtttta	caactgtcctg	ccgagagctt	gctgtgtaga	ccaggatggc	60
cttgaattca	tggagttcca	cctgcctgct	ttttctccag	antgctgaga	ttaaaagtgt	120
gcaccaccat	gcggggcagg	gcccaacatt	gngatagtat	tctcttcacc	actaagaata	180
ttaaacaccg	ggctggagag	atggctcagt	ggttgagagc	actgaatgct	cttcagagg	240
tcctgagttc	aaatcccagc	aaccacatgg	tggcgcccaa	ccatcggtaa	tgagatctga	300
cgccctctcc	tggagtgtct	gaagacagct	acagtgtatt	tacagataat	aaaataaata	360
aatcttaaaa	aaaaagaa					378

<210> 831

<211> 228

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(228)

<223> n = A,T,C or G

<400> 831

gttccagatg	ccttttgaga	ataaaatggg	aggccagaac	caaagtcttt	tgaataaagc	60
accacaactc	taaaaagtan	gganaaaagt	cctaacccca	antccnaanc	tttccnngna	120
tgggaaanac	ctccctccct	cntccctta	ntccctccct	cccttttgan	ccatttncac	180
tcttccncca	tanactcaat	aaaataaaat	ataataaaat	aaaataaa		228

<210> 832

<211> 241

<212> DNA

<213> Mus musculus

<400> 832

gggattatat	tatacataag	aacatgtagc	tgtcttcaga	tgcaccagaa	gagggcgctca	60
gatctcatta	cggatgggtg	tgagtcacca	tgtgggttgc	cggatttgaa	ctcagggacc	120
ttcggaaagaa	cagtcctgtc	tcttaccctc	tgagccatct	caccagccct	gatctccatt	180
gtatgtgcat	gcacatgtaa	ataaacataa	taaaacatcg	taagtcttga	aaaaaaaaac	240
a						241

<210> 833

<211> 177

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(177)

<223> n = A,T,C or G

<400> 833

ccacgaagag	ggcgtcagat	ctcattacgn	natggntgtg	agtcaccatg	ttnttgctcg	60
------------	------------	------------	------------	------------	------------	----

gatttgaact caggaccttc gnaagaacag nccgngctct taccctctga gccatntnac 120
cagccctgat ctccattgta tgtgcatgca catgtaaata aacataataa aacatcg 177

<210> 834

<211> 257

<212> DNA

<213> Mus musculus

<400> 834

gattgctgcc aggctatggg tgtcccaggt actgacagga ccacaccatt gctgtcttta 60
agaaacttgc tgggggctgg cgagatggct cagtgggttaa gagcatcaac tgcttttccg 120
aaggtcccga gttcaaattc cagcaaccac atggtggctc acaaccaccc gtaaagaaat 180
ctgatgcctt cttctggaag atctgaggac agctacagtg tacttacata taataataa 240
atctttaaaa aaaaaaa 257

<210> 835

<211> 175

<212> DNA

<213> Mus musculus

<400> 835

gggttccaga ctgccctttg ggattcaaac gggagccgct ttggactgac tggctgcctt 60
cctcctcctc cccctcctcc cccttctgct tcagatttat ttattatatg taagtacact 120
gtagcagttg taggacacac tagacgaggg caccagatct cattgtgggt gggtg 175

<210> 836

<211> 162

<212> DNA

<213> Mus musculus

<400> 836

ctgccctttg ggattcaaac gggagccgct ttggactgac tggctgcctt cctcctcctc 60
cccctcctcc cccttctgct tcagatttat ttattatatg taagtacact gtagcagttg 120
taggacacac tagacgaggg caccagatct cattgtgggt gg 162

<210> 837

<211> 280

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(280)

<223> n = A,T,C or G

<400> 837

aagcctggac tggccttgaa ctcaactggat acccaaggat ggcactgaac ttctcatcct 60
tctaattccc aagtgttaag anttcangta tgggctggtg agatggctca gtgggtaaga 120
gcgcccgaact gctctccga aggtctgaag ttcaaattccc agcaaccaca tgggtggctca 180
caaccatctg taacaagatc tgacgcctc ttctggagtg tctgaagaca gctacagttg 240
acttacatat aataaataaa taaatcttta aaaaaaaaaa 280

<210> 838

<211> 242

<212> DNA

<213> Mus musculus

<400> 838
aaggtggggt ctttcccctg aagcccagaa ccagcccacc caaggcccca gacatgttcc 60
tgtcacagct gctcacattc tgatgaacag ccatgagaac agagaaaatg aagcacacct 120
gaagactccc tgttcaaaag agactgagcc tcttgcttct tctctgccat cagaaactgt 180
gtgtaagtga gttccaggac agccagggtc acagagaaac cctgtctcga aaaacccaaa 240
aa 242

<210> 839
<211> 100
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G

<400> 839
cgctgggctg gcctgctgtg gtgcctncct nccagganag actctagcag ctttnggaac 60
cataagccan atnaaccctt ccttccatag gacacaaaaa 100

<210> 840
<211> 293
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(293)
<223> n = A,T,C or G

<400> 840
agttggcaga gcctgcnnnt ntcttntgga tcaaactgat gtngctgatt cgagaactga 60
gctaccactg ctgattcctg acantgaana ttggaatcgc ctcatagaac tctntctaaa 120
caggaccgna tntncttttg cctattaac ctttnccttc cactacctnt ggcggtggn 180
gggctnnaag agagggtana gcattganga acccttttta aaggaggntt gtncnaant 240
aagcgtgcag aagacagctg naaaagtaan taanaaagct tattctcaga gtg 293

<210> 841
<211> 407
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(407)
<223> n = A,T,C or G

<400> 841
gaactgggtca cctactgtaa ccagacagga cttcctgtga agagagaggg gcatcaaccc 60
accacaaaaa ctttcaaccc aaaatgtgtt ctgcctacaa gatacacagg gataaagatg 120
gagcagagat tgagggggacg gccaaaccagt gactgcctaa ctgcagaccc atcccatggg 180
agagagccaa cccctgccac tattgacact cggctatgct tgcagacagt gtgactcctt 240
gacaacagtg tgcctcgtaa tggttttatg aaaccagtta acagtcttcc tccaaggtct 300
ctgcttcagt cctgcctcc aggaatgcc ctgcttggtg ttctgctctg acttccccca 360
gtgatggaat gttaccatgg aagatannat aaatctttcc cacatca 407

<210> 842
 <211> 256
 <212> DNA
 <213> Mus musculus

<400> 842
 gattgctgcc aggctatggg tgtcccaggt actgacagga cccaccattg ctgtctttaa 60
 gaaacttgct gggggctggc gagatggctc agtgggttaag agcatcaact gcttttccga 120
 aggtcccgag ttcaaattccc agcaaccaca tgggtggctca caaccacccg taaagaaatc 180
 tgatgccttc ttctggaaga tctgaggaca gctacagtgt acttacatat aataaataaa 240
 tctttaaaaa aaaaaa 256

<210> 843
 <211> 178
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(178)
 <223> n = A,T,C or G

<400> 843
 tatgctgttt cattgctgct tcctggatgc ccnattntaa ngccnataaa ctattgttgc 60
 ttaactggtc cacaactctg tttcctatct ttccccatga cctttgctgg gtgggtgggct 120
 aaaagggagg ttgaagcggt taagaaccct tattaaagta ggtttgga aa aaaaaaa 178

<210> 844
 <211> 239
 <212> DNA
 <213> Mus musculus

<400> 844
 tataaacagt aagaactgct gaggagaaca gactagcctg ctgcctggaa gagactcaga 60
 cctgctgtaa ggagagattc tctgtcctgt tgagctctcc acaagtagtg taatgaactc 120
 cagggttcct gctcttggtg atgtagctat atttgagttg accctgcccc tgcccttgcc 180
 cttttactta tattcttggtg aataactcta ataaactcat tggattacca aaaaaaaaa 239

<210> 845
 <211> 206
 <212> DNA
 <213> Mus musculus

<400> 845
 agctgccaaa agaagagagt ttaccctggc tgccttcagg atacagtccc catctgctgc 60
 ctgtggatca agatagaaga cttctgactc ctccagcacc atgcctgctt gtatgctgcc 120
 gtgcctccca ccatgatgat aatgcactga acctctgaag ctgtaagcca gccccaatta 180
 aatgttgtct tttataagaa aaaaaa 206

<210> 846
 <211> 246
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(246)
 <223> n = A,T,C or G

<400> 846
 ggccttgctt ggaagagatg atccntaact acaatgagct aagcanaagn ttaagatcaa 60
 tgtactgnng ctggngagan agctcantgg gtaagagcac ccgncctgctc ttgntnangt 120
 ccggagttca aatcccanca agcacatggt ggctcacaac catccgtaac aagatctgac 180
 tccctcttct ggagtgtctg aagacagcta cagcgtactt acatataata aataaataaa 240
 taaaaa 246

<210> 847
 <211> 254
 <212> DNA
 <213> Mus musculus

<400> 847
 gatgctgccg gctatgggtg tcccaggtac tgacaggacc caccattgct gtctttaaga 60
 aacttgctgg gggctggcga gatggctcag tggtaagag catcaactgc ttttccgaag 120
 gtcccagatt caaatcccag caaccacatg gtggctcaca accaccgta aagaaatctg 180
 atgccttctt ctggaagatc tgaggacagc tacagtgtac ttacatataa taaataaatc 240
 tttaaaaaaa aaaa 254

<210> 848
 <211> 246
 <212> DNA
 <213> Mus musculus

<400> 848
 ggctatgggt gtcccaggta ctgacaggac cacaccattg ctgtctttaa gaaacttgct 60
 gggggctggc gagatggctc agtgggttaag agcatcaact gcttttccga aggtcccag 120
 ttcaaattcc agcaaccaca tgggtggctca caaccaccg taaagaaatc tgatgccttc 180
 ttctggaaga tctgaggaca gctacagtgt acttacatat aataaataaa tctttaaaaa 240
 aaaaaa 246

<210> 849
 <211> 489
 <212> DNA
 <213> Mus musculus

<400> 849
 ctgaagagtt ctgaatccac gcagttgaat ccttctcagc agtctgtttt gcaggaacct 60
 ttattaacac cgctccccag ctgaagagtt ctgaatccac gccggatcct tctcagcagt 120
 ctgttttacg ggaaccttta ttaaccgctc cttcccgca tgcagttctg aatcctccct 180
 gtagtagggg gtctttgctc gtgcctgaag atgtttcttg tcccgggttt cggcaccact 240
 tcttgcgcg cctcgactgg ccaggaagaa cgacgctgca acaggatcct tctgcacacg 300
 tttattggga gagcttgatt gtagaggcga aaagactttt tgcccagagc tgggtgtgct 360
 tttataggcc taggagaggc gtgtctcata ccctgattgg ttatgcacta agcctcattt 420
 gcatgttctt catctgattg gctactctct ctacgtacct cacagagcct cattatcata 480
 aaaaaaaaaa 489

<210> 850
 <211> 234
 <212> DNA
 <213> Mus musculus

<400> 850

actgctgagg	agaacaagac	tagcctgctg	cctggaagag	actcagacct	gcctgaagga	60
gagattctct	gtcctgttga	gctctccaca	agtagtgtaa	tgaactccag	ggttcctgct	120
cttgggtgatg	tagctatatt	tgagttgacc	ctgccccctgc	ccttgccctt	ttacttatat	180
tcttgtgaat	aactctaata	aactcattgg	attaccagat	tggaaaaaaa	aaaa	234

<210> 851
 <211> 228
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(228)
 <223> n = A,T,C or G

<400> 851	
ctgaggtgcc	tcagatccca atgttaatta ccacagagca cataaattac ttcaataact 60
ggttaaacata	agcctnaaac ctgcttgctc ggagtgnagc ttcttgctna ttngntctgc 120
nacgccact	gctggaacct gaagagccac acacngnac ctttctactg gaccacanat 180
tattnggcgg	gaatcgngtc ccttccccct tccttcataa ctagtgtc 228

<210> 852
 <211> 215
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(215)
 <223> n = A,T,C or G

<400> 852	
attaaagact	gaggcttggt gcctgcagag acaggagaca gagaagacag anggagcatg 60
tcggctcccc	tgagattgga gtgtgaggtc cgttgtgagt caccatgtgc ttgctccgaa 120
ctgaacctag	gtcctctgca ggagactctt aattcctgag tcattctctcc agcttctggc 180
attagtactt	ttttaatgtg agaaaattaa aaaaa 215

<210> 853
 <211> 219
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(219)
 <223> n = A,T,C or G

<400> 853	
gtgctttgcc	tgcataatg tctatgcacc aagcctgaag aggacatcaa gatttcttgg 60
aactgaagtc	acacaaattg taagctacta tgtgtgtgct agaaattgac ctgagtccca 120
tggaagaaca	actggtgctc ttaaacacta agccatctct ccagcccccct ctgaanattt 180
tttttaacnc	aatggaaana tgtgccttaa aaaaaaaaa 219

<210> 854
 <211> 166
 <212> DNA

<213> Mus musculus

<400> 854

ttccagactg	ccctttggga	ttcaaacggg	agcgcgtttg	gactgactgg	ctgccttcoct	60
cctcctcccc	ctcctcccc	ttctgcttca	gatttattta	ttatatgtaa	gtacactgta	120
gcagttgtag	gacacactag	acgagggcac	cagatctcat	tgtggg		166

<210> 855

<211> 369

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(369)

<223> n = A,T,C or G

<400> 855

tctgaggtca	gagcctgggc	ccaggccatn	aattgntctn	tggggnactc	tgacagggcg	60
gncagnnanc	ntggnatggc	taccatnttn	cnctgnagaa	agnnaaagcc	tnacggtttc	120
ttctggaatg	aacagccatt	gctgattcgc	aaagggtgtt	gcaagcagac	tgagctacca	180
ctgttgatth	ctgtgatctt	aacggctgat	atcctgacag	tgcatagata	ttcacctcaa	240
agaagtactt	ctaaacaggt	ccacatcctt	ctgtgtctta	ttaacctttc	cttttcacgg	300
tctggtgggt	gatggactag	aggggaggtt	aaagcaccta	agaaccctta	ttaaagtgga	360
tttgaaaaa						369

<210> 856

<211> 176

<212> DNA

<213> Mus musculus

<400> 856

gggttccaga	ctgccctttg	ggattcaaac	gggagccgct	ttggactgac	tggctgcctt	60
cctcctcctc	cccctcctcc	cccttctgct	tcagatttat	ttattatatg	taagtacact	120
gtagcagttg	taggacacac	tagacgaggg	caccagatct	cattgtgggt	ggttgt	176

<210> 857

<211> 307

<212> DNA

<213> Mus musculus

<400> 857

gactgagcta	tattgtccca	attgagagga	tctgaggtcg	gttatccaaa	gctgcctgga	60
aatgcagtct	gggtgtgtgt	ggcagtctga	atatgctcgg	cccagggagc	gaagtgtgtc	120
actgtggctg	tgacaatga	gaccctcatc	ctaactatgt	gggagctagt	cttcttctag	180
tggccttcag	atgaagatgg	agaacgcctg	cctggatgct	gccatgttcc	cgccttgatg	240
ataatgcact	gaacctctga	acctgtcgcc	agccccaatt	aaacgttgct	ctttataaaag	300
aaaaaaa						307

<210> 858

<211> 134

<212> DNA

<213> Mus musculus

<400> 858

gaactgagag	cccttggtgc	taccacttct	gagcatctgg	atgtctctgc	agtgttgggg	60
------------	------------	------------	------------	------------	------------	----

tactactagt gtgtctgaag acagctacag tgtactcata tcaaataat aaatatttag	120
gggaaaaaaaaaaaa	134

<210> 859
 <211> 112
 <212> DNA
 <213> Mus musculus

<400> 859	
tcttactgga tatacataac acacgcatac tgcaaatgtg gagcacatgc atcgaccgca	60
caggaaatac tcatatacat aaaagacaaa taaataaatc taaaaaaaaa aa	112

<210> 860
 <211> 100
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(100)
 <223> n = A,T,C or G

<400> 860	
tactggacca gtagattatt cggcggggaa tcnggntccc ccccccttc ctttcataac	60
tgagtgtngc gaacagngaa atnggagctt tgatcagaac	100

<210> 861
 <211> 307
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(307)
 <223> n = A,T,C or G

<400> 861	
aaccgacact gagttgggac attggtatgt ggggncaccc angtctgggt tnccgntcct	60
ggncncccaa tnagccctct ncggagcgcc tnaagctgct gcatgtatgt ngccgcacat	120
acatnttntc antgncagc atggcggggc acagntttta gcccagcact tgnnangcag	180
acacaagtgg atttctggga gtttgangcc ancctgggnt acacagngag ttncaggatg	240
gccaggnctg cnnagtgaca gacctgtct caaantgttc taaanacagg acataacgaa	300
agaaaaa	307

<210> 862
 <211> 484
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(484)
 <223> n = A,T,C or G

<400> 862	
aactgaggct tacagnggc tgcaggaaga agcnnggcc caacnggnta cagttgaang	60

agntgggnnc	cccaaggaca	tcttaccagt	nncagccaaa	gatntgatct	acgtacacct	120
gcgtcatgct	gagaccctca	agcctcacta	aaaggggtccc	tgccctagttc	tgtttactaa	180
tctgccttat	tctgttggtg	ttcccatggt	aaagatagag	taaatgcagt	attctccaca	240
tagagatata	gacttctgaa	attctaagat	tagaattact	tacaagaaga	agtggggaat	300
gaagaatgaa	aaattactgg	cctcttggtga	gaacatgaac	tttcacctcg	gagcccaccc	360
cctcccatct	ggaaaacata	cttgagaaaa	aacatTTTTct	ggaacaacca	cagaatgttt	420
caacaggcca	gatgtattgc	caaacacagg	atatgactct	ttggttgagt	aaatttgggg	480
gttg						484

<210> 863
 <211> 237
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(237)
 <223> n = A,T,C or G

<400> 863	
agactgaggt	cttgtctcag catgtgggtc tgtcacagct gacatcactc tgtcaatcac 60
cccaagtcca	ctcaaggagc aagaaaactgn ggcacaccac cagaagtttt tttgtttttg 120
ttttttgctg	tatttctttc tattgagtcg cgataaatac agctcaacta cacaatataa 180
gacagaccaa	tacatgtgtg tccttaataa aaaaaatctt tcaccacaaa aaaaaaa 237

<210> 864
 <211> 280
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(280)
 <223> n = A,T,C or G

<400> 864	
cacctgctgc	tgctcgnnc caagacactg ctacctgctg aaaggccctt gagataatct 60
ggagacagca	tccagccgat cacctactgg ctggcgaagg gcaccaagaa tggattgttt 120
ggggggggcg	ggggangaaa ggnggaaaagc aaanagcag agnctaagag tgcaagagct 180
ctattgctta	catntttagg agccanagcg canganagca nnagagcann cnagancgca 240
ngagagagaa	tggngaaacc ccatcccttt ttaaggagaa 280

<210> 865
 <211> 198
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(198)
 <223> n = A,T,C or G

<400> 865	
ttggtgcctg	cagagnagga gacaggataa gacagaggag catgtcggct cccctgagat 60
tggagtgtga	ggtcgggtgtg agtcaccatg tgcttgctcc gaactgaacc taggtcctct 120
gcaggagact	cttaatccct gagtcactct tccagcttct ggcattagta cttttttaat 180

gtgagaaaat taaaaaaa

198

<210> 866

<211> 262

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(262)

<223> n = A,T,C or G

<400> 866

gggctctgcc	agcactaagg	ctctcatcng	acgtctgctc	agctngcagt	gtactatttt	60
ttncattcat	gnatantctg	aatttatfff	ggncctctgn	accacttana	ctangagang	120
aatggntnga	nanncttagg	tttnaaccac	naggaagggc	tgganagatg	gnctcagcgg	180
ttaanagcac	ttgactgntc	ctntnaaggt	cctgagttca	agncccagga	accacatggt	240
ggctcacagc	cacgcgtact	ga				262

<210> 867

<211> 245

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(245)

<223> n = A,T,C or G

<400> 867

caactgagat	ctgcanagga	ggggacgaaa	acgaaagaca	tggtgaaggt	ggcatgaacc	60
tgtggtccag	ctacccatgc	tgattgggcc	caggagttcg	agaggtcctg	agcaattcct	120
agnaacaaca	tgngggctna	caaccatctg	taatggnatc	cgatgccttc	ttctggngtg	180
tctgaaaaac	gctacagtgt	actcctataa	atgaaataaa	taaataaatc	tctgaaaaaa	240
aaaaa						245

<210> 868

<211> 249

<212> DNA

<213> Mus musculus

<400> 868

gactgaggtt	atataaacag	taagaactgc	tgaggagaca	gactagcctg	ctgcctggaa	60
gagactcaga	cctgcctgaa	ggagagattc	tctgtcctgt	tgagctctcc	acaagtagtg	120
taatgaactc	cagggttcct	gctcttggtg	atgtagctat	atttgagttg	accctgcccc	180
tgcccttgcc	cttttactta	tattcttggtg	aataactcta	ataaactcat	tggtattacca	240
aaaaaaaaa						249

<210> 869

<211> 394

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(394)

<223> n = A,T,C or G

<400> 869

ttctgcaacc	tgagaatagt	ctagtggccc	tctctgtccc	tgctgaagat	gacacctgta	60
agcatttgct	ccgagctctg	nggtgggggc	ctcctccccc	tgctattgtc	tgtagagaat	120
gtaccaaac	tagcaaccaa	tctcatcagg	gtctgggtgc	taagggctgg	tgctggcaca	180
cccttcacac	attcatagct	tagggagaag	ttaaactctg	ttagccagca	gnggnggcac	240
acaccggtaa	ccccagcatt	aggaagggtg	aggcgggcag	atctctgtga	gttcaagtcc	300
agcctgggtc	acagagttag	ttctacagag	tgagttccaa	gacagccagg	cctacacaga	360
gaaacctcat	cttgaaaagc	ccaaaagaaa	aaaa			394

<210> 870

<211> 558

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(558)

<223> n = A,T,C or G

<400> 870

gactgagttg	ccatggggcg	cacggctnta	ttctcccagn	ccnaagaac	tganccttn	60
gaaacntga	ggaanatanc	anctgttntt	ggtnangcgg	nanggtcacc	caggcgctac	120
tggnnttnaa	nncatgaagg	antttancat	aacagcngag	gcttgctact	gttaganncc	180
atngaaggcc	antgnngaaa	gngcagcctc	nnntgcaata	gantggccca	ggactgaagg	240
ggatcatgcac	tgntttggga	gatgccanta	ccatgagatg	accaccaaga	gcagcagcan	300
cngtggagta	caggcatctg	gagcctagag	gatgatgctt	gtgctacaaa	gggcatggct	360
ggagaagtga	cccaagccct	tggaggagcc	cagaagatcg	taagttggga	tcccagacat	420
ttggacggtt	ggagattgac	ttttgctttt	gattgggact	gtgccctgat	atttttccc	480
tcttgaaagg	aagaaaactg	ttttagtggg	agcccacagt	taagaaactt	ttaatttgn	540
aaaaagactt	ttggattt					558

<210> 871

<211> 469

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(469)

<223> n = A,T,C or G

<400> 871

gggttttctc	gcacaaccct	gggtatcctg	gaactcactg	ttaaccaggc	tgaccttgaa	60
ctcacagagc	tccacctgcc	tctgtgagta	cctagctcac	ttctgggttc	aatgatgcca	120
aggacaatac	caacctaggc	ttaacttgtc	accctgggnt	tacacagact	tcaaccaatc	180
ctccttgntt	cccgaagtga	agaagatcct	ttaagaggga	tggaactca	atnnagtaat	240
acagttagcc	tgagcattg	taagaaaacc	atgggctgga	ganatgggtc	agnggntaag	300
aacactgact	gctctccag	angtctgag	ttactttcc	cagcnaccac	atgggggctc	360
acaaccatct	gcaatgggat	ctgatgcctt	cttctgggtg	ggctgaagac	agcaacagt	420
tactcacata	cataaaatca	ataatanata	aatccttttt	aagaaagaa		469

<210> 872

<211> 480

<212> DNA



<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(480)

<223> n = A,T,C or G

<400> 872

tgaggtgttt	tggtgngtg	tatgtctgtg	caccatatgc	atgcctgatg	cctgtggaga	60
ccagaaggcg	gcaccggnng	ngntggaact	ggagttacag	acagttgtga	gccatcatac	120
gggtgctgga	aactgaaccc	aggtcctcta	aatagaagac	agtgtctcta	agccatctct	180
ccagcccttg	ttttgttgag	agaggtttgt	aatatctagt	ccaagtaggc	ttcaaacttg	240
agacgtcct	gcttcagaac	cagtgtctgga	attacagcaa	caaagccccg	ggagcgctcc	300
tccagcctct	cacagaacca	gccatctcct	agacccttac	acaactacct	acttgtcctt	360
ctcacttcac	agaagagatt	tctggcagaa	gactataaac	aacgaagaaa	aagagttgaa	420
aagctgtggc	tgtacaccac	tccaaaacag	agaacgcct	agggcaacca	gactcttacc	480

<210> 873

<211> 192

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(192)

<223> n = A,T,C or G

<400> 873

tcccttgtcc	tctttccttc	tgctctggag	tccagcgctg	accccgatg	agaactgagg	60
ngctgaaatc	accccggtgc	tgagaggttg	agcattgcta	cagctctgct	ggagaaagag	120
agagaggaga	gagagagaga	gagagagaga	gagagaggag	agagaagaga	gagaagagag	180
agaagaagag	ag					192

<210> 874

<211> 295

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(295)

<223> n = A,T,C or G

<400> 874

tgaggtttcg	aactccgcac	tgattagnag	ggacattcac	aggagaaaaa	cacccagaca	60
actagaactc	agaaaagtga	agacccaaag	gaactccggc	atctacaggg	cacttgatgt	120
cgtgtccctt	aaaatgtaag	aagccggcta	ggcatggtgg	cgcacgcctt	taatcccagc	180
actcaggagg	cagaggcagg	tagatttctg	agttcgaggc	cagcctgggtc	tacaaagtga	240
gttccaggac	agccagggct	atacagagaa	accctgtctg	tctcaaaaaa	aaaaa	295

<210> 875

<211> 100

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(100)
 <223> n = A,T,C or G

<400> 875
 caccgccgac tccgtgctccc aaaggacatt cctgtaccgc nagecgactag ctcaccccct 60
 gggatntccc accagnggcc cagggacagt ggggggcaga 100

<210> 876
 <211> 384
 <212> DNA
 <213> Mus musculus

<400> 876
 gactgaggta cagtcttcct ccgagtagcg aatctttgga gaaagagaca agaggctgtg 60
 tgcattagca agcaccaccg tggaccgtcc cagcggtaac cagcagagtg cttcttctat 120
 caaccgcctt taagcacaca gaaatcaagg catggctgag ctgactacc atccactcc 180
 ttgagaggtg gaggaagaa atccagagtt gaagagcagc tggggctaca tgagattgtt 240
 ggctcatccc agaagtattc agcaactttc tcttgagaca gattcttacc atatgtagcc 300
 ctggctggcc tagaactcaa agatccacct gcttctgtca ccaaagtcag ggattaaagg 360
 catctataac catgaaaaaa aaaa 384

<210> 877
 <211> 241
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(241)
 <223> n = A,T,C or G

<400> 877
 gactgaggat taattaggat gacttttcagg ctgcggntca gataatccaa aaatggctcc 60
 aacgggggttg gagagatggc tcaggagtta agagcactgg ctgctcttcc agaggtcctg 120
 agttcaaadc ccagcaacca catggtggct cacaaccatc tgtaaaggga tctggtgttt 180
 ntgaagacag ctacagngct acagtgtact catataaata aaataaataa attttaaaaa 240
 a 241

<210> 878
 <211> 140
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(140)
 <223> n = A,T,C or G

<400> 878
 gcagttgtct acagaaggcc agcannaaca ggcacagcan cccctgnta actgaatgac 60
 tgntacatgc ccgtgcagat actgggaact gaaccctggc cctctgcaag agcaaccat 120
 gttctcagtc actgaactaa 140

<210> 879
 <211> 161


```

<212> DNA
<213> Mus musculus

<400> 879
tcttttccttc tgatctggag tccggcgctg accccgtgat agaactgagg agctgaaatc      60
accccggtgc tgcagagttg agcatagcta cagcctctgc tggaaaaaga agagagagaa      120
gaagaaaatt gagaagaaga agatgaagaa gaagaagaag a                               161

<210> 880
<211> 290
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(290)
<223> n = A,T,C or G

<400> 880
tcagctggct ttcttacagc atccaggacc agcagcccag gggtgacaga gtgagctggt      60
gccacagaga gctggggccct cccacttcaa tcatcaatca agaatggaga acaggggcct      120
ggagagatgg ctcagcnggt taagagnggt gaccgctctt ctgaagggtc tgagttcaaa      180
ccccagcaan cacatggtgg ctcacaccat ctgtcatgag atctgatacc ctcttntngn      240
gtgtcngaag acagcttcag tgtacttacn tatnaataaa tgttaaaaga                290

<210> 881
<211> 345
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(345)
<223> n = A,T,C or G

<400> 881
aactgagtac tccccctccc catcctgnaa nctgcttgct caagggnnga ncttcttgct      60
natnccttct gncacnccca ctgggggagg nngnggagcc acacactatg cacctttcta      120
ctggaccagc agattattca ncttacaatn tggntnccnt ncccccttct tcataactna      180
angtcgcaac aataaaaattg aagctttgat caganaaaaa ctaatanata ttgcttncat      240
gttggggngg ggcaggatnt ggcnccaaaa ngtgcaagga aatgggcata actcgccctg      300
cacattaaac tccnggccac aggaggaaca ggaccaagac cccct                      345

<210> 882
<211> 171
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(171)
<223> n = A,T,C or G

<400> 882
gtttatccct gtcattcttc cttctgctct ggagtcacac gctgaccccg tgatagaact      60
gaggggctgg gntcaccocg tgtctgcaga gttgagcatt gctacagctc tgctggagga      120

```

agagagagag gagagagaga gagagagaga gagagagagg agagagaatc a

171

<210> 883
<211> 135
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(135)
<223> n = A,T,C or G

<400> 883
gaactgagga gctgaaatca ccccggtgtct gcanagttga gcattgctac agctctgctg 60
gaaagagaag agagagaatg anganactgg agaagaagaa gatgaagaag aagaagaaga 120
agaagaagaa aaaaa 135

<210> 884
<211> 234
<212> DNA
<213> Mus musculus

<400> 884
agtttatcca ctgtcatctt tccttctgct ctggagtcca gcgctgaccc cgtgatagaa 60
ctgaggagct gaaatcacc cgcgtctgca gagttgagca ttgctacagc tctgctggag 120
aaagagagag aggagagaga gagagagaga gagagagaga ggagagagaa gagagagaag 180
agagagaaga agagagagag aagagagaga gaggagagag agaggagaga gaga 234

<210> 885
<211> 329
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(329)
<223> n = A,T,C or G

<400> 885
ccacttgctg gattccccac ntgtacctaa agtgaactat ctttgaagtg tttgcaagtg 60
gatcgagcct gccgctgtga acctgagaac tcacatgtga actgaactgc cgatttccag 120
acaacacngg atgangagtt gctccaggaa acctctctga acagggtccac ttccccctgt 180
atccttttct tcccactacc tctgggtgggt agtgggctaa aagggaggtt aaagtattta 240
agaacatca gtaacaatag ggtttgaaga aattaaagtt acagatattt ttttttaagt 300
ttncacctaa aggaaacttc ccagaataa 329

<210> 886
<211> 228
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(228)
<223> n = A,T,C or G

<400> 886
gattcctcag gattgaacta cagcttcctg gtgtctgctt gctgaaggac ttgaactgta 60
gnnngntgggn tcatgcctgg tgtctgcctg cctacagnac tggnetgcat ctgctgagtc 120
gcgcttggtg attgntatag ctctgaactg ctgccnaaga aggncaagnn cgacccaaan 180
aaccatcgct naacaggtcn acttntcca gatcctactg gatgggtg 228

<210> 887
<211> 272
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(272)
<223> n = A,T,C or G

<400> 887
tcttgacagc cctaggngct ggggacaccc gcncacacag ctatctagat tggcagtgga 60
agtcaattcc atgttcaana aggncttatt cctcagaaaa ctagatatta aagagcctgc 120
angaacagnn tctctgagct ggtgagatgg cctcagcagg tantgagcac tgnnnngnct 180
tccgaaggtc ctgagttcaa ntcccagcaa ccacatggng nctcaaaacc acccgtaatg 240
agatctgacn tctcttctg atgagctctga ag 272

<210> 888
<211> 273
<212> DNA
<213> Mus musculus

<400> 888
ttgccttgtc tcccatggcc ttgctcagct ggctttctta cagcatccag gaccagcagc 60
ccaggggtga cagagtgagc ctggtgccac agagagctgg gccctccac ttcaatcatc 120
aatcaagaat ggagaacagg ggcctggaga gatggctcag ccggttaaga gactgaccg 180
ctcttctgaa ggtcctgagt tcaaacccca gcaaccacat ggtggctcac accatctgtc 240
atgggatctg atacctctct ctgggggtgtc tct 273

<210> 889
<211> 227
<212> DNA
<213> Mus musculus

<400> 889
tgagggtgctg gtccctgggt ccgaagtgcc tcatgatact ggatcgattg gcgaaaagct 60
aagtaagggt tattccgata ctatctatta attgatgacc cactacttct gtgtggtggc 120
acaggccttt aaccccagca ctcaggaggc ctctgagtgc cacagagagg caagtggcca 180
gcctggtcta cagagcaagt ttccggacag cctgggaaaa aaaaaaa 227

<210> 890
<211> 164
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(164)
<223> n = A,T,C or G

<400> 890
 taatctgaca ttagaggagt tagnatcnag aactgnntcc tgantncaac cacatgtacc 60
 agtcagtgag tcacctgtg tggtggttta aatacgcttg gccagggag tggcactgtt 120
 aggaggtgtg gctttgttgg agtgggtgtg gccttgatgg agta 164

<210> 891
 <211> 230
 <212> DNA
 <213> Mus musculus

<400> 891
 agggcagcaa caggataacc gggaggagt caacattgat gtcatagaag ccagatatct 60
 cgaaccagac caatgactca tcgcaatgaa cctttgcaag atgtgtggac aaagggctat 120
 gctgtgggac acactgtgac acactacagc agtccatgat gaggtgtcctt ctatgctgtt 180
 tttgttcttt gtttgcacgt gtgcttcctg ggggtggggg tggggggaag 230

<210> 892
 <211> 414
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(414)
 <223> n = A,T,C or G

<400> 892
 gtttgggaac ctctggaagc tgagaccang aaggatgacc acngtcgngg ccagactgga 60
 caacaaactg agaccctgtc tcaacaaaga aacaccagcc tgatgccaat gcctggcaaa 120
 tacagaagnc catgctgact gtcattctatt ggatggaaca cagggccccc attgaaggag 180
 ctagagaaag tacccaagga gctgaagggg tctgcagccc tataggagga acagctatat 240
 gaactaacca gtacccccag agattgtgtc tctagctgca tatgtagcaa aggatggctt 300
 agttggccat caatgggagg agaggccctt ggtcttgtga agattctatg cccagctata 360
 ggggaatgcc agggccagga agcgggagtg ggtggattgg ggagcagggg gagg 414

<210> 893
 <211> 129
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(129)
 <223> n = A,T,C or G

<400> 893
 ggagccacac actgtgcacc tttntactgg accagagatt attccggccg ggaattggnt 60
 tcnntncenn ttgcttcata actgagngtg gcaacagtga aattggagct ttgatcagaa 120
 taaaaaaaa 129

<210> 894
 <211> 447
 <212> DNA
 <213> Mus musculus

<220>

```

<221> misc_feature
<222> (1)...(447)
<223> n = A,T,C or G

<400> 894
gcctttgatc tttcatacca tgctccttta tctgttctnt gctttccatg atatagggag      60
ctgtttcatag atctcatttc cttatgtagg gatggaatat ggggaanngg gaacaaaag      120
aacaaaagnc aattnacaca ctggtcctat cngggngggn agtctataaa cattttcant      180
gttttaatat ataaaaccag attatangct gctcattaga aacattcttg aagcanagac      240
acnggtcatt ctannggacn caagagatna ncntgcaaac gccnatcgng gactgactgt      300
gttttcatgc tttcggaaca catncacatt caggcaggca gagaccctgc atagagtgn      360
ggtttcagta gtacgaagga agaattcngc ganctatgag ttcnaggcca nccttgtcta      420
caaaagtgagn nccaggacag ccagact                                         447

```

```

<210> 895
<211> 438
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(438)
<223> n = A,T,C or G

<400> 895
gactgaggtg tatgagtctt ttgcctgcat gatgtctgtg caccatgtga atgcantgcc      60
tatggagtcc agaaaggggtg tgcagatctc ctggaactga ngntacagat ncgagctgtc      120
atgtggntgc tgananttga acccaggtcc tctggaanag cagtnagana ccccanatc      180
antgaggcat ctcttcagaa tcttcttat ctgcttttta catagctctg gggggggttn      240
gaaccnagag ctccctgcat gctaaccaag cnccttacca aacaaactac aaccccatc      300
ctcaaaagaa gataaaatgt atcacactgt cctngtaagc actcaccaag nntncngnnn      360
gncgncncat ggntccagag ncctgtncat gtttactctt gagacatata cacagcaatt      420
ctcaaaacaat tctgaaag                                         438

```

```

<210> 896
<211> 253
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(253)
<223> n = A,T,C or G

```

```

<400> 896
aaactcacag ggatccgccn gctggagaga tggctcagag gtccagagca cttgcagagg      60
acctgtgttc cattcccagc acttacgtga gggcttttga ccatcccagc accagctgca      120
cgggatccgg tccacaggca gcaggatgac atgngnggga canaatncac aggggggggg      180
ggcggacttc cacanngcct tcttctgacc caccaccac cactaccaag aagaaagact      240
ttaagaaaaa ccg                                         253

```

```

<210> 897
<211> 352
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(352)
<223> n = A,T,C or G

<400> 897
tgagggttcc agactgccct ttggtattca aacggggagcc gctttggact gactggctgc      60
cttcctcctc ctccccctcc tcccccttct gcttcagatt tatttattat atgtaagtac      120
actgtagcag ttgtaggaca cactagacga gggcaccaga tctcattgtg ggtgggttng      180
aaccacccac catgtggtng ctgngatttg aactcacnat cttcanaaga gcagtcnnng      240
ntctaaacng ntganccatc tctccagngt ccngcnttcc ttgttaangc atgaatgatc      300
ccagcatggn acgacagnct gncctacntc ctttatgagc cattttccct ct              352

<210> 898
<211> 187
<212> DNA
<213> Mus musculus

<400> 898
aggcctgaag aggacatcag atttcttggga actgaagtca cacaaattgt aagctactat      60
gtgtgtgcta gaaattgacc tgagtcccat ggaagaacaa ctggtgctct taaacactaa      120
gccatctctc cagccccac tgaagatttt ttttaacaca atggaaacat gagccttatt      180
tgtagg                                187

<210> 899
<211> 412
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(412)
<223> n = A,T,C or G

<400> 899
gcatgggatg aaggctgagg ttttgcacgt ncgctgccgt cgcatanggn actctcttna      60
cttctgggtn attcctcttc anttgcntaa gtttcagctg acgctgnaga atgtctccgg      120
agcatggagt ctaggcttca gcatccaagt gngaaagtna cacagntgna gcctcccca      180
gccttngta ggctggcctt gaccttgctg ccnctgagaa tcanaccacc tgggatgnag      240
ccttnccact tagatggctn tattgttcng gncgtgctg ntgntctcca agacactgct      300
acctgctgag aggccctgga gatattccgg agacagcnac ccgcagatca cctactgnca      360
ggcnncaggc atnaacaatg gattggcggg gggangggcc tcccccttt at              412

<210> 900
<211> 416
<212> DNA
<213> Mus musculus

<400> 900
gaactggtca cctactgtaa ccagacagga cttcctgtga agagagaggg gcatcaaccc      60
accacaaaa ctttaacccc aaaatgtgtt ctgcctacaa gatacacagg gataaagatg      120
gagcagagat tgaggggacg gccaaccagt gactgcctaa ctgcagaccc atcccattgg      180
agagagccaa ccctgcccac tattgacact cggctatgct tgcagacagt gtgactcctt      240
gacaacagtg tgctcgttta tggttttatg aaaccagtta acagtcttcc tccaaggtct      300
ctgcttcagt ccctgcctcc aggaaatgcc ctgcttgtgt ttctgctctg acttcccca      360
gtgatggaat gttaccatgg aagataaaat aaatctttcc cacatcaaaa aaaaaa      416

```

```

<210> 901
<211> 175
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(175)
<223> n = A,T,C or G

<400> 901
ggagcttcct gtcatttgt tctggcacgc ccactgntgg aacctgggga gccacacact      60
gtgcaccttt ctactggacc agagattatt cggccgggaa tctgggttcc ntcccncttg      120
cttcataact gagtgtggca ncagtgaat tggagctttg atcagaaaaa aaaaa      175

<210> 902
<211> 216
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(216)
<223> n = A,T,C or G

<400> 902
tgagtctccc ctccccagc ctgaaacctg cttgctcagg ggtggagctt cctgctcatt      60
tgttctgccg cggccactgg nggaacctgn ggagccacac actgtgcacc tttctactgg      120
accagagatt attcggccgg gaatctgggt nccntcccc ttcnttcata actgagngtg      180
gnancagtaa aattggagct ttgatcaaaa aaaaaa      216

<210> 903
<211> 155
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(155)
<223> n = A,T,C or G

<400> 903
ctgccacgcc cactggngga accngnggag ccacacactg tgcaccttct tactggacca      60
gagattattc cngccgggaa tctggntncc ntcccccttg cttcataact gagngtngca      120
ccagtgaat tggagctttg atcagaaaaa aaaaa      155

<210> 904
<211> 167
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(167)
<223> n = A,T,C or G

```

<400> 904
aggagcttct ctgctcntnn gtgctgccac gccactgct ggancctggg nanncacaca 60
ctgtgcacct tntactgga ccaggagatt attcccgccg gnaattggct ncnntcccn 120
ttgcttcata actganngtg gcaacagtaa aattggagct ttgatca 167

<210> 905
<211> 175
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(175)
<223> n = A,T,C or G

<400> 905
ggagcttcct gctcatnngt nctgccacgc ccaactgnngg aacctgnnga gccacacact 60
gtgcaccttn ntactggacc agagattatt ccggccggca attggnttcn ntccncttg 120
cttcataact ganngtgga acagtgaat tggagctttg atcagaaaaa aaaa 175

<210> 906
<211> 214
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(214)
<223> n = A,T,C or G

<400> 906
ctgccctccc ccatgctgaa ncctgcttgc tcaggggtgg agcttcctgc ncntttgttc 60
tgccacngcc cactggngga acctgnnggag ccacacactg tgcaccttct tactggacca 120
gagattattc ccccggaat ctgggtncnn tncncttnc ttcataactg agtgtngcaa 180
cagtgaatt ggagctttga tcagaaaaaa aaaa 214

<210> 907
<211> 180
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(180)
<223> n = A,T,C or G

<400> 907
gggtggagct tctgtctnat tagttctgnc acgcccactg ngggaacctg gggagccaca 60
cactgtgcac ctttactact ggaccagaga ttattggcc gggaatctgg nttcntncc 120
ccttncttca taactgagng tngcaacagt gaaattggag ctttgatcag aaaaaaaaaa 180

<210> 908
<211> 264
<212> DNA
<213> Mus musculus


```

<220>
<221> misc_feature
<222> (1)...(264)
<223> n = A,T,C or G

<400> 908
cgcatatggc tctgaggaaa ttttaatatata ttctggaagc tctaaagaaa agcantgagt      60
gccgggcagt nnnnggaggac acctttaatc ccagcacttg ggaggaagaa gcaacacagg      120
taaaccttaa actttatggt ccttntaaaa agacatgggt gattaaaatg aaggattnct      180
gagttcaaaa ccaggctggg ctacacagtg agttccagga caaccagggg gtcacagaga      240
aaccctgtc tcaaaaagaa aaaa                                264

```

```

<210> 909
<211> 381
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(381)
<223> n = A,T,C or G

<400> 909
tgcattgccgt gaacctactt tgtanaccag actggcctca aactcagaag tccagnctgc      60
ctctgccttc caagtgtctg gattaaaggt gtgcatcacc actgccggc cacactggac      120
cttttgaacc ctgagggtct cccaaganca gattccgatt ggccattagc aggtttcatc      180
catgagcgtt ggacactgga gaaaaggaat ctcttgccaa gcatgtcttg ggtaacatgt      240
tacagctgtc atgaaagttt atcaggaaaa aaaatagggc ttaagtcttt tggataagca      300
gggtgagact gcccaaaaac ttctccaaaa acttgcttaa aactcccaga ataaaggcat      360
agagaattgg aaaaaaaaaa a                                381

```

```

<210> 910
<211> 256
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(256)
<223> n = A,T,C or G

<400> 910
cagggtccaag cggaattcc ttctgtgga gcagggcctc aaattcaatc agaaagtgat      60
tggttttccc cattgccttc aagacactac tgtaccagtg aacacatctc atctgcagac      120
aggatccac ctggtggctg gccagtcagc ctggaattca ctctgaagac ccagcaggcc      180
tcaaaactcaa agcaattcac ccatctctcc ttcccaagtg ctgggataaa aggtatgnac      240
caccattcct gacatc                                256

```

```

<210> 911
<211> 331
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(331)

```

<223> n = A,T,C or G

<400> 911

gggcatctcc	ctgtgaatct	ctaggcacag	ctcagctgca	catgaatctt	aagcaagggt	60
tgantccaga	tgcagaatgc	tactctaaag	tgcctaagct	nttcatggcc	actatgcctc	120
aagatctcca	tgccaagatc	cacgtcagac	tctctaacc	catctctgac	tggcaaccca	180
tctcagtcct	gtgctgggaa	ggcaggagtn	tgtagatagc	tcccttctgg	aatcagatcc	240
cgggggcttc	cctggtgatc	agacagcttt	ctcaattacg	tggctctgca	gacatcatat	300
ggcttttttg	aggagtccat	caaaaaaaaa	a			331

<210> 912

<211> 209

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(209)

<223> n = A,T,C or G

<400> 912

ctggcttgaa	gcttaatggn	ttcagtcctg	cctttgnatc	ccccctccc	cctccccctg	60
agacaggatt	tctctatgta	gccntgggtg	ttntggaact	tgctctgtag	acctatagac	120
caggctggcc	tcaaactcac	agagatctgc	ctgcctctgc	ctnctgagtg	ctgggattaa	180
agangnagca	ccacctccaa	aaaaagaaa				209

<210> 913

<211> 403

<212> DNA

<213> Mus musculus

<400> 913

tgagggtggg	tctttcacca	tgggtatgat	caccaagaac	agcagcagca	gcaggagagt	60
gcatcaacct	gagcttagag	tgctacagag	ggcagagctg	gaggagctca	ttggaggaga	120
tcatgtgtgg	atcccagaca	ttgaaacaag	aagctgtaac	attgagggtg	ccttgagagc	180
cccaagatgt	tcaagatacc	agagctgtag	gctatctgct	aacagggagt	ggaaccagct	240
cagcagaaa	acgtttgttg	cagtcaacaa	agatcaaaa	ggagttggag	atctgaagat	300
tactttgaca	tcagacatgg	agatgcagag	tttgaggttt	gccagctga	tttctgtct	360
tgtttttggg	gattacagta	aagtgattgg	atggctctca	gaa		403

<210> 914

<211> 333

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(333)

<223> n = A,T,C or G

<400> 914

gtagagtcca	tgatggtaaa	gcaagggaac	agctgagtgt	aacctncccc	agcctgaagc	60
tggccgagcc	agacctcgac	tttgctgcca	ctaaggagat	tacctaaagat	ggagcctccc	120
tagatcactc	tattgntcag	ccactgttgc	tgttcttctt	caagatactg	ctacctgctg	180
gaaggctggc	gaactattcc	agagaccaca	ccctatcctg	catgtgggtca	cctgcagctg	240
ggctccaagg	atgaattggc	tggaatgggc	ctccctctcc	tttataagcg	cattcgccat	300

taaacatttg agccttgaac ggaaaaaaaa aaa

333

<210> 915

<211> 324

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(324)

<223> n = A,T,C or G

<400> 915

gtctaggaac ttactgtact gtggaatact ctttaaaact atacttttga aggtatctct	60
gatggaaatg atgagaaaac taacttcant ttctgctgtt tgaagagtgg gtgcctgtga	120
gattggagcg cttggacaaa gtggctcctc ctgccggcca gcccttcgga accacctgat	180
acttgactgt gtatgaaata cttcagtnnt gctttaaata ctggcagcaa gtgctagcgt	240
tcggggttgg ggatttagct cagtggtaga gcgcttgect agcaagcgca aggccctggg	300
ttcggaacctc agctctggaa aaaa	324

<210> 916

<211> 207

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(207)

<223> n = A,T,C or G

<400> 916

agactgaggc ttggtgcctg cagannagga gacagagaag acagaggagc atgtcggctc	60
ccctgagatt ggagtgtgag gtcgttgtga gtcaccatgt gcttgcctcg aactgaacct	120
aggtcctctg caggagactc ttaattcctg agtcatctct ccagcttctg gcattagtac	180
ttttttaatg tgagaaaatt aaaaaa	207

<210> 917

<211> 453

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(453)

<223> n = A,T,C or G

<400> 917

catgggactc actcagaggc tcctgctcac tgacagatga agacaaaccc acggtaaagg	60
atagccagcg ctacacagag aaaccctgcc tcaaaacaaa taaacaacaa caaaatacac	120
caccaccacc accccaaaga aaagaagaaa gaagagaaga gacaaggagg aaaccctgag	180
aagaaaagca gttcccttcc cgtcagctgc agtgagggcg ctgcagccag ccgtggctgc	240
gggctggaag attgtctcct gcatgcctgg tatccacgga gggctgaaac aggaggatcc	300
cctgaaagtg gagttacaga catttgcaaa ccaccgtgtg cctgctggga accaaacccc	360
ggtcggtcgt ctgaagnggc agctcatgtt cttcaccata aagccatctc tctaaccctg	420
atgtctactc cttagaattt tttttttttt ttt	453

<210> 918
 <211> 442
 <212> DNA
 <213> Mus musculus

```

<400> 918
gaactgagat gctgctgaga gttgagtatc cacagatgcc tgtccccctct gctatggagt      60
gacctgccac catgacttct ctgccgccgt gaaggagtgt atccctaaga ctgtgagcca      120
aaggaaccct gcgtccttgg gttgcctctc gtcagcctcc cccagccttg aagcaggctg      180
atcagaattt gaccttgctg ccactgagaa tgagaccacc tgggggtggag ccttccaact      240
tagatggctc tattgttctg tctgctcttc tccaaaattc tgctacctgc tgagaggccc      300
ttgagatatt ccagagacag catccagcag atccacctac acgctggcaa caggcatcaa      360
gaatggattg gcaggggaatg ggctccccc ctttataagc acagactctt agtaaaacttg      420
ggggccttga acagaaaaaa aa                                         442
  
```

<210> 919
 <211> 259
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(259)
 <223> n = A,T,C or G

```

<400> 919
gacgtctggg gagctcctgc attaagtcag actgagggtta tcttttagctg caatgaaaag      60
tccaatcaag ggctggngac atggctcagt gggtaagagc acccgactgc tcttncgaag      120
gtccataagt tcaaatccca gcaaccacat ggtggctcac aaccatccgt aatgagatct      180
gacgccctct tctggagtgt ctgaagacag ctacagtgtta cttacatata atcaaaataa      240
ataaatctaa aaaaaaaaaa                                         259
  
```

<210> 920
 <211> 284
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(284)
 <223> n = A,T,C or G

```

<400> 920
gacgtctggg gagctcctgc attaagtcag actgaggggc cctctattta gaaagaaaaga      60
aagagagaag agaagagaag agaagagaag agaagagaag agaagagnag agaagagaag      120
agaagagaag agaagaatcc agacattgat ggtgatgggtg cacatgttta gtatcagcac      180
tctcgagggc agagacaaaa agatctttga gtgcaagact agcctgggtct acaaagcaag      240
ttccagaact aaacagagaa accctgcctt gaaaaaaaaca aata                                         284
  
```

<210> 921
 <211> 221
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(221)
 <223> n = A,T,C or G

<400> 921
 tgccttttgg attcaaacgg gagccgcttt ggactgactg gctgccttcc tcctcctccc 60
 cctcctcccc cttctgcttn agatttattt attatatgta agtacactgt agcagttgta 120
 ggacacacta gacgagggca ccagatctca ttgnggggtg ttngngancca cncancatgn 180
 ggcngatgga gattcagaac tgcacgatgt tgataaagag c 221

<210> 922
 <211> 230
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(230)
 <223> n = A,T,C or G

<400> 922
 cctcagatcc tctctcagag gantnacaag agatnacagc ngnccttagct ncacccctga 60
 acgangncat taagggtctn agaggngnt cagnagtcnn tagcatttga ctgctcttcc 120
 aagttcaatt accagcaacc acatcttggc ccacaaccat ctgtaattgg attccgatga 180
 tgcctcttcc agtgtactca catatagaca ataaacttta aaaaaaaaaa 230

<210> 923
 <211> 198
 <212> DNA
 <213> Mus musculus

<400> 923
 ctgacctgtc ttctgagaaa ttcttgagat agcggacaac ctgtggactt ggcgacctaa 60
 tgctaacagc tctgacagac tagtgctaac aacttagcaa caaagcatca agaagcctgg 120
 ggtggcaggg gatgggcctc ccccttttat aagagcagac tcttagtaaa ctttggggcca 180
 tgattggaaa aaaaaaaaaa 198

<210> 924
 <211> 411
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(411)
 <223> n = A,T,C or G

<400> 924
 attaacgcag ccggcattgg gccagnaggg tacatgcac tcctcatgat tccacattca 60
 aggccangtc tgtcaatgaa ttatttctac aaaggaccat gtaggctttt atggcctctg 120
 tggttatgta gcctagatcc ttccccatgg ccaagcggag ggctgtctcc tcgtcctcca 180
 cagcctcatg accacctccg ttctcattc ctaagaactg tatcaggctg gtgagatggc 240
 ttagtgggta agagcaccgg actgctcttc cgaagttaa atcccagcaa ccacatgggtg 300
 gtcacaacc acccgtaatg agatctgatg ccctcttctg nagctgtctg aagacagcta 360
 cagngtactt acatataata aataaataaa taaataaata aataaatctt a 411

<210> 925

<211> 193
 <212> DNA
 <213> Mus musculus

<400> 925
 gactgaggtt tttggcacct tgacccaggt agtagttatt tggggagaag ctcaactgag 60
 aaagtgcctc catcagagtg gccttgggca gtttctgcct ccaggttcct gctttgagtt 120
 cctgcccgac ttcccctgag gatggacctg cgatccaaat aaataaacia attatccacc 180
 ccaaaaaaaaa aaa 193

<210> 926
 <211> 322
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(322)
 <223> n = A,T,C or G

<400> 926
 gactgagacc gggtttcgct gtgtagcctt ggttgctctg gactnactct gtagaccagg 60
 aaatctgcct gcccctgcct cccatgtgct ggaattaaag gcctgcacca ccactgtcng 120
 gcanccttatt ttatcttaag aatttcgatn agnggggctg gagagatggc tcagnagtta 180
 agagcactga ctgctcttat gaagggtccc agttaagacc ccatgggtggc tcacaancat 240
 ccataacang atgtgacacc ctcttctgga gtgtctaaaa acagctacag tgtacatgta 300
 tttacatata ataaataaat aa 322

<210> 927
 <211> 185
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(185)
 <223> n = A,T,C or G

<400> 927
 gaactgagag gaagtgaaca ctcanacca tagtcaagct ttatggcaga agactctggg 60
 aaggatggag acaacgtctg taagaaaact actgcagatg aagggttggc caatgggtggc 120
 ttgctggaca aacctggcct gctttctgtt tttgtcaata aagttttatt agaacacaaa 180
 aaaaa 185

<210> 928
 <211> 363
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(363)
 <223> n = A,T,C or G

<400> 928
 gactgaggtg atttcttacc tnagnttgac ctggtgcath ntcatgcnnt ntaacagtga 60

ctnngacaga	tctgaagtat	ctcctgaagg	ctcatgtatt	cttaccttg	gtccccaact	120
ggtggtgctc	gcttggaag	ttgtagaaac	tactgggact	ttggactagc	tagcagaagg	180
aggtcactcg	ggcacaggct	tgtgataaca	tctggaactg	gatatgtaag	ccanttggaa	240
cttacagaga	ccttcctgct	tntgnctacc	aagtgcctggg	attaaaggta	tgtgccacaa	300
cactgnctt	gggggacctg	acctancaat	caggngataa	attctcttga	acaacatgaa	360
aaa						363

<210> 929
 <211> 401
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(401)
 <223> n = A,T,C or G

<400> 929	
atttatgaga	tccatccnag
tncctncagct	accaagagga
ggaaaatgaa	ntacacagcca
taaaggcgct	tgccaccaag
aggagagaac	cgactccttc
atgcctacac	acacacacac
atntgnanag	aaattntata
	a
	60
	120
	180
	240
	300
	360
	401

<210> 930
 <211> 436
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(436)
 <223> n = A,T,C or G

<400> 930	
tgagatgcag	acagacatgc
aaacctttgt	cgtgtatcat
atnnggtctc	caccattgcc
antcacacat	gtctgagcat
gggccagaac	gatggctang
atctctggga	ccctcatggt
cacacgtgca	ctgtggtacg
cacacacaca	cacaga
	60
	120
	180
	240
	300
	360
	420
	436

<210> 931
 <211> 135
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(135)
 <223> n = A,T,C or G

<400> 931
 gatgcaagag ccacttggtg ctaccacttc tgatcatctg gatgtntctg cagtgttggg 60
 gtactactag ngtgnctgaa gacagctnch gngtactcat atcaaatata taantattna 120
 ggggaaaaaa aaaaa 135

<210> 932
 <211> 307
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(307)
 <223> n = A,T,C or G

<400> 932
 tctttttttg ttataggaca gtttgaatgt tatgctcagc atgtctgggt cttagttaca 60
 aacccttaca gaaagaaaag caacacctca cctgcagttg caaangtgng tgaatgacag 120
 gcaatagaga tgcaatgcat cacaagaccc acttctgaca ggancagcca gcgcatcgca 180
 gactaaggcc tggaactgcc tctctctaca aatgtccaca aggttctggc tacgatcaca 240
 cccaatctgt gattaagata aataaataaa tacataaata aataacattt catttatata 300
 tcacaaa 307

<210> 933
 <211> 174
 <212> DNA
 <213> Mus musculus

<400> 933
 cttgaccaag gtagagttat ttggggagaa gctcaactga gaaagtgcct ccatcagagt 60
 ggccttgggc agtttctgcc tccaggttcc tgctttgagt tctgcccga cttcccctga 120
 ggatggacct gcgatccaaa taaataaaca aattatccac cccaaaaaaa aaaa 174

<210> 934
 <211> 217
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(217)
 <223> n = A,T,C or G

<400> 934
 ggggatggcc ctgctccagg agnaagactc nantatnngc ctcnctngc nntccatca 60
 ggaagnccat ggacnnncnn tnnctaagct ggagaaatgt ctcagcagtt aagagcactt 120
 actgctcttg gagaggaccc agaccagttc ccagaagcca tatggcagnt cacaatcttc 180
 tatgactctg cttgcngnga gaatctgaca ctgtctt 217

<210> 935
 <211> 444
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(444)
 <223> n = A,T,C or G

<400> 935
 accagggttgc ctaaactccc agagacctgc ctgcctctga ctcttgagca ctgggattaa 60
 aggccctgcac cccaccacc tgactctcag gaatgatgag agctcctaac agcacaccct 120
 ggaattccca gttcagccgc tctcagtgtc gcagcctcac aggcaagcag tgggtgcatag 180
 tgactgggta ggttccttcg gaagcaagag cctcctggaa ggcagacnat gggaggaagg 240
 nnatcagagg gtacagatng gactagcana aaganatnga agggaccaa ctccaagaat 300
 aggcactgcn gancggaggg ggtganntgg ctgggcagga gaataataac aaaatccnac 360
 nacaaactcc acttgaaaac tgcggcatct cncgcgcaat ctcccgcnaa ggaatccagg 420
 cnnganggga ttaaccgcac ttgg 444

<210> 936
 <211> 351
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(351)
 <223> n = A,T,C or G

<400> 936
 gccttgctgt gccgaggaca cggagaagna aatncanana gantcactc cccantnctg 60
 ccttggannt tnaccaagga caccagaag agaagaactc tnttnccaac tgctcccaac 120
 ctcttcttga ctcttccaa ctctnttntt nccaactcct cctaattcct cagctanctg 180
 tnaanngcc cctactgtca ccactctggg ttgaactccc ctgccctaata cccatcactt 240
 gggaggcaga ggcaggcaga tctctgagtc tgaggttagt ttgatctaca gagtgagttc 300
 ctggaagcta gggctataca gagaaaccct atccagagaa ataaaataaa a 351

<210> 937
 <211> 200
 <212> DNA
 <213> Mus musculus

<400> 937
 gactgaggtc tcagaagtca gaagaggtca gtcagctccc ctgggtggagc tggagctaca 60
 agcaactgtg aaaactactc tgcatattac tcttcaaaag cagtaacaag tgatcttcca 120
 cccctctgcc tctcctctgc aagaacagca agtgctctta acctgttaat catggagcat 180
 tttcactagc aaaaaaaaaa 200

<210> 938
 <211> 174
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(174)
 <223> n = A,T,C or G

<400> 938
 gactgagagg aagtgaacac tcagtcccat agtcaagctt tatggcagaa gactctggta 60
 aggatggaga caacgtctgt aagaaaacta ctgcagatga aggggtggcc aanggtggct 120
 tgctggacaa acctggcctg ctttctgttt ttgtcaataa agttttatta gaac 174

<210> 939
 <211> 159
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(159)
 <223> n = A,T,C or G

<400> 939
 gtcctggact attgtntaaa ccaagctggc ctnaaactca cagagatttt cttgcctctg 60
 cctcctaagt gctgggatta aagatgngtg tcacccaccc acnaccccc aatccctgag 120
 ctcnccccca gggactggac caccaaccac agaatacac 159

<210> 940
 <211> 560
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(560)
 <223> n = A,T,C or G

<400> 940
 gactgagaat ttaaaaagaa ggaggaggag gaggaggaga caacaacaac aaaaacaaca 60
 aacaacaaca caacaactat cttatgttca agtgcttaag gnggctggat cttccatccc 120
 gacttcctct gcaactcatt tctcatgcat ttcacattaa agtattcaca ggagacctgg 180
 tcagagatag gaaacggagg tagcatttac agtcagttcg aggtgtggct gctacatatc 240
 cctgctgggt gtaggactga cccccagga acgctcttct gactcagcaa cagactccga 300
 gattccgaga tctcagcagc acctgtgccg aagcacacgc acgcaggaat gtgtctgcac 360
 agaggaggaa cacgtgttga catacatgga accaggagct aatctatgga aactcttccc 420
 accaccctgt gtacaaagtc ataagcggga gacgccatgt ttcattcata ctatttaaaa 480
 cagaaattct ctcctatagg gattgtgctc agcaaagaaa catctacaat tacgtcaaat 540
 aaatataaat actttttaca 560

<210> 941
 <211> 207
 <212> DNA
 <213> Mus musculus

<400> 941
 gactgaggag agagccagtg aaggcccagt gtccatgtgg aggtcacaga tgacagacaa 60
 cttctggaaa tcggttttct ctttccacta tgtttacctt gaaattcaaa ctcaagttgt 120
 ccgctttggc agctggcact tctaccacag agccacgtct cagttcctcc aagtccccta 180
 acactgagaa gaagaagaaa aacaaaa 207

<210> 942
 <211> 120
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(120)

<223> n = A,T,C or G

<400> 942
cacgacgcac ctttatactg gaccagagat tatnnggccg ggaananggg tccccctccc 60
cttgcttcat aactgagtgt ccgcaacagt aaaattggag ctttgatcag aaaaaaaaaa 120

<210> 943

<211> 199

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(199)

<223> n = A,T,C or G

<400> 943
ctgaaacctg cttgctcang ggtggagctt cctgctnatt ngttctggca cgccccactgc 60
tggaacctgn ggagccacac actgtgcacc tttctactgg accagagatt attcggccgg 120
gaatctgggt ncentccnc ttncttcata actgagtgtg gcaacagtga aattgggagc 180
tttgatcaga aaaaaaaaaa 199

<210> 944

<211> 179

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(179)

<223> n = A,T,C or G

<400> 944
gggtggagct tcttgcctnat tagtncctggc acgccccactg ctggaacctg nggagccaca 60
cactgtgcac ctttctactg gaccagagat tattccggcc ggnaatnggn tncnntcccn 120
cttgcttcat aactgagtgt ggcaacagtg aaattggagc tttgatcaga aaaaaaaaaa 179

<210> 945

<211> 297

<212> DNA

<213> Mus musculus

<400> 945
ttattgtcca attgagagga tctgaggctg gttatccaaa gctgcctgga aatgcagtct 60
gggtgtgtgt ggcagtctga atatgctcgg ccaggggagc gaagtgtgtc actgtggctg 120
tggaacaatga gaccctcatc ctaactatgt gggagctagt cttcttctag tggccttcag 180
atgaagatgg agaacgcctg cctggatgct gccatgttcc cgccttgatg ataatgcact 240
gaacctctga acctgtcgcc agccccaatt aaacgttgtc ctttataaag aaaaaaa 297

<210> 946

<211> 353

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(353)
 <223> n = A,T,C or G

<400> 946
 tgcccagcct tgcctgctcc ttcaatgcgt tcggggggccg ctgctaagta aaaagtcttc 60
 atagaggggt tggattacag gtgtatacca ccacaccanc tcatgngatn atgganataa 120
 aactcanggc tttggggctg gngagatggc tcaneggnaa gagcncgtgac tgctcttntg 180
 anggtinctga gntcaaatcc cncnncac atgggtggntc acaaccnccc gtaatganat 240
 ctggtgccct cctctggaga gtntgaagnc agctacagcn gtacttacat atnatnatag 300
 atctgtcttt anaaanacac aaccacatgg nggctnacaa ccgcccggga tga 353

<210> 947
 <211> 413
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(413)
 <223> n = A,T,C or G

<400> 947
 ctgagttcaa cttgtgataa tagcaccatt gagagaaact tgcccaagaa ctgctctcga 60
 ggtgcctacg gnagnctgct gcttctgcag tcttgcttca ggctgttgg caagcttggg 120
 ggtttcttca ggatttacat tactgttgct ggnttgctgc taggtgtngc ttgctnaaaa 180
 gactgaactg tagctgctgg ttcattgngt gngtctgect gctggggagg actgctctgc 240
 agcngcta at tnnnatttan tgtnnngctta caggactnga actgctgcca nagaagattc 300
 aagctcacnc ccaangaact attgctgaag aagntcgntt ccccatann ctaataactn 360
 ntctttcacn acctctgcta aggggaacgc tagaggagag gtggaaccct taa 413

<210> 948
 <211> 173
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(173)
 <223> n = A,T,C or G

<400> 948
 cggcattaaa gcctanntct ttgggagtc accatgtact gaagacatcc aagcacgtgg 60
 actgtactgg actgttggac ttcttgctta cagccagtca ttgttggatt tgctgggttg 120
 cagcctgtaa atcattctaa taaatcctgc ttacctgcat ctaaaaaaaaa aaa 173

<210> 949
 <211> 131
 <212> DNA
 <213> Mus musculus

<400> 949
 ttataagcaa acatcattta aaaggaaatt aatggcgaaa atggggcatt gggaaacaat 60
 gggggagggg ggagactgag agaattgagaa tgaataatgg caaaataaat aaataaataa 120
 ataaataaaa a 131

<210> 950

<211> 123
 <212> DNA
 <213> Mus musculus

<400> 950
 gagcaccaca actctaacct gtttggtctgc ctcccttccc aaggcacaga tctttcccag 60
 catggaaaag catgtagcag ttgtaggaca cactagacga gagcaccaga tctcattgtg 120
 ggg 123

<210> 951
 <211> 381
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(381)
 <223> n = A,T,C or G

<400> 951
 tgataaagac ctgaagacct gaaccacctt gaagttgtac cagcaaaaac accagangca 60
 tcctctacac tttgtacttc cagaaccatg agccaaaaat ccacctttta aaaattactt 120
 attttatgtg tatgggcgct ttgtctgcat gtctgtctaa gagtgtctgg ttgtccagaa 180
 ctgggattac agttgtgagt tgccatgtgt gngcngggaa ttaaaaccag gccttcttga 240
 agcacagcca gtgngcttaa gtctcagcca gtggttctca acctgtgggt nccaatcctt 300
 atgtctgggt caaatgcccc ttctcatggac tgactgtgtg ctgtaagctg aaataaaccc 360
 tttcctcctc aaaaaaaaaa a 381

<210> 952
 <211> 187
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(187)
 <223> n = A,T,C or G

<400> 952
 ttttgaacca ccatgtngnt gctgagaatt gaacctatgt cctgnggaag atcannnant 60
 gctcttaacc nctgagaaat gntccatca nctattcttg cgntttggtt gatnngagct 120
 atacagnngg ggaatcanga aaggctaaaa ttacaggagc tggaagaaga gaggaaaaaa 180
 gaaaaga 187

<210> 953
 <211> 172
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(172)
 <223> n = A,T,C or G

<400> 953
 ttgtggagca tcatgcccac gttttattgn gactactgtg ataccntatc ttaccacga 60

nggggggcac	tttttatgaa	nacncacttt	tntttttnt	tnaactcntt	tanaangttn	120
tttactnttn	ctnttatntt	tnttttttat	tttttttttt	atttcttatt	tt	172

<210> 954
 <211> 389
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(389)
 <223> n = A,T,C or G

<400> 954	
gcacctggga atttgaatct tgagggttttc ctgagcttca caagtttcat atcgccctcc	60
taagtcttaa gagcttccct ccttcagaag gaaatgtttc aatctgctgg taccaggcct	120
gtgactgcaa aggtgagtggt ggatctggga agagagttaa ggctggagt tgtaccgaan	180
gaaagaaaga aagaaagaan gaaagnanga ncgnggggtgg accgagccnt cntacntgag	240
actanaggan agaccatnca tagactgacc cacccgagaa ttcattngat aatcaaccac	300
tancncann ccctattgca tatgccanca agatttttgc tgaanggacc ctgtntcttg	360
tgaggctgng ccagtgcctg gcaaataca	389

<210> 955
 <211> 343
 <212> DNA
 <213> Mus musculus

<400> 955	
cactgggagg ttttaaattg aactaaatgt atttctcatt atgctatggc tagggatggc	60
ccccacagac tcatgtgttt gaacaaacct atggggggcca gtgagtacaa tgtggtggtt	120
tgaatatgct tggcccagggt agtggcactg tgtgacctg ttggacgaag tgtgtcactg	180
ttggggtggg caaagagagc ttcctcctag ctgcctgggg atgccagtct cttctggttg	240
ccttcaaadc aagatgcaga actctcagct ccttctccag cattatgtct gcctggacac	300
tgccatgctt tgcttcctgc tgtgatgata atggactgaa cct	343

<210> 956
 <211> 229
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(229)
 <223> n = A,T,C or G

<400> 956	
ggaaccaact ctttcttaac ttnataacta gtgaaccnac aatggctnga gagatgngtn	60
nacgactcaa nagnactgac tgctgctctt ncagaggncg tgagttcant tcccancaac	120
cacatggtgg ttcacaacca tctgtaatga gttccaatgc cctcttntgg tgtgtctgaa	180
gacagcgaca taaaatgaat aaatcttttt aaaaacccaa aaaaaaaaa	229

<210> 957
 <211> 371
 <212> DNA
 <213> Mus musculus

<400> 957
gactgagaga acaccaccaa ggaacttctg gtgatattcc gatggctttc ttgccacttc 60
cgcagactct ggcggattgg cagagcctca tggtttcttt gggattgaac tgctgttagc 120
tgattcatga atgggtgttg caagtagatg gaactacagc tgctgattcc tgtgaactga 180
actgctgatg tcctgacagt gcagattgga tttgctacaa agaactgctt ctaaagaggt 240
ccacaccctc ctttgcccta ttaatctctg ctttccccta cctccagagg atgatggcct 300
agaagagagg ttaaagtgtt taagtacatt tattaaagtc agtctggaaa atataagcca 360
acaaactaaa a 371

<210> 958
<211> 237
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(237)
<223> n = A,T,C or G

<400> 958
cctgaacact gtcttgntga acatatnct gantaaactg nnagcctggc ngncctgntat 60
gncctacatg cncnaanagn ggaacttgga gntttactgc taacggctct ggcaggacta 120
ntgctaacaa tgtggcaaca aaacatcaag aagcctggca tggcagggga tgggcttccc 180
ccctttataa gcacagactg ctagtaaaca ttgagccttg aacagggaaa aaaaaaa 237

<210> 959
<211> 271
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(271)
<223> n = A,T,C or G

<400> 959
cagatggatg tctatgaatt tgaagccagc ctggtctatg tagagtgttc ctcacagtgt 60
ctctttgaca gaggaagaa gaagaggagc tattaaagta gcttacaggc tatgggtccaa 120
ctantccaac aatggctgtc tacaactgga aggtccaaga atccagtagt tgntaagtcc 180
atgaggttgc aggtctcagc tgttcttcag catacgctgg aatcccaaag aagtaggcac 240
tantaccagt naagagtga tttaccagca g 271

<210> 960
<211> 318
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(318)
<223> n = A,T,C or G

<400> 960
cttgctggcc ccgtgtgaac atgacatgnt gatttcctga caaagcaaat gggatttact 60
ccanagaaca acntgcttaa acaggccac gttccctggt atcctaataa cttttctttt 120
ctactcgctc tgggtgatga tgggctanaa ggaagggngg agcatttaag aacctattaa 180

aagagccggg	tgtggcgcc	atgccttta	tcccagcact	agggaggcag	aggcaggtgg	240
atttctgagt	ttgaggccan	cctggtgtac	agagtgagtt	ccaggacagc	cagggttata	300
cagagaaacc	ctgtctca					318

<210> 961
 <211> 218
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(218)
 <223> n = A,T,C or G

<400> 961	
tgtctattaa	tgaccctgga cccacttctg gaaccantga tggatatccac taaggatttg 60
tnnctactna	gatctactga gatngctnag tgngtanggg tgccctgctgt taagcttcac 120
accttanggt	caatnatcag gccccacatg gtggaaggag agaacttctg gnctctacat 180
gtgcaccact	gcgtatgagc tcacacatat atatatgt 218

<210> 962
 <211> 303
 <212> DNA
 <213> Mus musculus

<400> 962	
tgagggtctc	attttgttcc tctggctgtc ctggaactca ttgtataaac caagctggcc 60
tcaaaactcac	agagattttc ttgcctctgc ctccctaagt ctgggattaa agatgtgtgt 120
caccaccccc	ccacccccca atccctgagc tctccccag ggactggacc accaaccaaa 180
gaatacacat	ggagggaaca ggctgcaa atgtacagagg atgaccttgt tgaacatctg 240
atctaaaggg	aatgggagaa gcaaagaaaa acatcctgtg atccctataa tggcaaaaaa 300
aaa	303

<210> 963
 <211> 179
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(179)
 <223> n = A,T,C or G

<400> 963	
aggggtggag	cttgccgttn aatcgttctg ccacgcccac tgntggagct tgccgctttg 60
ctgttgcnaa	nccatcacgt gnnacactgc aaccttactc ctagattatt nggcgggaat 120
cnngnccctc	cccctttctt catatcngag tgctggaata tgtaaaaatt gaaccttga 179

<210> 964
 <211> 222
 <212> DNA
 <213> Mus musculus

<400> 964	
aaacaaatgg	aaagccatga agacttccta gataactctc atctccaaga attccattcc 60
cagcacccat	gggaggaggg gcttacaacc tgctgtaac tccagctcca cggaatccag 120

tgccctctcc	tgccctctgt	gggcaattgc	acaaccctcg	tatacataat	taaaaacaag	180
atacagcttt	taaaattaaa	acttttcttg	gaaaaaaaaa	aa		222

<210> 965
 <211> 221
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(221)
 <223> n = A,T,C or G

<400> 965	
cctgctcttc	60
cagaggctct	
gagttcaatt	
cccagcaacc	
acatgggtgac	
tcacaacccat	
ctatgaggga	120
cccgatgtcc	
tcttctggcc	
tgaggagcan	
gacttttatg	
canaaccctg	
nntatactgt	180
nactnnctct	
atagaccagg	
ntagatntga	
actcagagat	
ctgactgtct	
ctgnctcccg	221
agggctggga	
ataaaagtgg	
tacatgccac	
c	

<210> 966
 <211> 121
 <212> DNA
 <213> Mus musculus

<400> 966	
attggctttt	60
taaaaaaaaa	
atztatatat	
ttatgtatat	
gagtattctg	
cttgcattgca	
tgctcttctt	120
gtgggtgtctg	
aagacaccta	
cagtgtactt	
aaataaataa	
attaaaaaaaa	
a	121

<210> 967
 <211> 244
 <212> DNA
 <213> Mus musculus

<400> 967	
aactgagtgt	60
tttgctgtg	
tgtatatatg	
tacacgtatg	
tacaccatgt	
catgagcctc	
catggtcgtg	120
agaggacttt	
ggatcccttg	
gaactggcgt	
tacattggtc	
gtgagcctcc	
atgttggcgc	180
tgagaagcaa	
acctgggttc	
tctggaagcg	
cagcaagtgc	
tcttaacccat	
cgagccatct	240
ctccatctca	
aaccacccat	
gtatataaaa	
tgaaaataca	
taaacaaaaa	
aaaa	244

<210> 968
 <211> 263
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(263)
 <223> n = A,T,C or G

<400> 968	
aactgagggt	60
ctaggacaga	
agataaaaata	
ttgactgggt	
ttatctatac	
aaaactccac	
ttatgggctg	120
gagagatggc	
tcaatgggta	
agagcaccaa	
ctgctctacc	
gaaggctcctg	
agttcaaatt	180
ccagcaacca	
catgggtggca	
tacaaccatc	
tgtaacgaga	
tctgacgcc	
tcttctgggt	240
tgtctgaagn	
caactacagt	
gtactttatgt	
ataataataa	
ataaatcttt	

ttaaaaaact tcaaaaaaaaa aaa

263

<210> 969

<211> 175

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(175)

<223> n = A,T,C or G

<400> 969

ccttgaccaa ggtagagtta tttggggaga agctcaactg agaaagtgcc tccatcagag	60
tggccttggg cagnttctgc ctccagggtc ctgctttgag ttcctgcccg acttccccctg	120
aggatggacc tgcgatccaa ataaataaac aaattatcca ccccaaaaaa aaaaa	175

<210> 970

<211> 132

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(132)

<223> n = A,T,C or G

<400> 970

aggctctgac agactagngc taacaactta ncaacaaagc atcaagaagc ctgggggtggc	60
aggggatggg cctccccctt ttataagagc agactcttag taaactttgc gccatgattg	120
gaaaaaaaa aa	132

<210> 971

<211> 194

<212> DNA

<213> Mus musculus

<400> 971

ttcctcggat tctcctctc aggctggccg ggcacccctt ccaacagcac aaggggctgg	60
cgtggaagga atcttactgg gatctccaag ataacacagg gtgtttggct ttggacctca	120
gacaagagac cagtgaactc gcctgagtat ggtttcccaa taaacctgcc ttaatatata	180
tctaaaaaaaa aaaa	194

<210> 972

<211> 156

<212> DNA

<213> Mus musculus

<400> 972

gacgagaact ctcagggttc tgttctggcc accctgagaa agtgtgctga gaaccagaag	60
aaaacaagag ctgggtgtaa cagcacttgg gacgcagtga gttccaggct agcctgatct	120
acatagagaa agcctaccaa gagaagaaag aaaaaa	156

<210> 973

<211> 417

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(417)

<223> n = A,T,C or G

<400> 973

ttcgccagga	ctgaagggaa	catgcaaagg	agttgaggct	tggcaccatg	atgagagcct	60
atgagagact	attggtaaaa	cctagttgca	gtggaagacc	ctagtatatt	ggagatgcca	120
ctaccatggg	gatgatcacc	aagaacagca	gcagcaatgg	agtggatcaa	cctgagctta	180
gagtgtaca	gagagcagag	ctgaagaagt	gatgctgacc	ctttggagga	gtccagaaga	240
tcatgtttgg	atcccaggca	ttagaacaaa	aaggtatagt	attgaagttg	ccttgaaggc	300
cccaagatgt	ttgagatgcc	agagccatga	gatatctgct	gaggaaaagc	tgctaagaaa	360
gagtggaacc	agcccagaag	aaagaagttt	ngttgcagtc	aacaaagatg	aaaaagg	417

<210> 974

<211> 344

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(344)

<223> n = A,T,C or G

<400> 974

ggagatgccc	atgccatggn	atgatcacca	agaacatcag	cagcagtgga	gtggagttaa	60
ccagagccct	ttggagtagc	tcanaagatc	atgtatggat	ctcagacact	agaacaagan	120
gctgtgaagt	tgaagctgcc	ttggagaccc	caagacatta	gagatgccag	agccatggaa	180
tgcctaccaa	ggaaacgtac	taatatagag	tagagaaaga	gaaatattta	tgttgcagtc	240
aacaaagcgg	agaggagtgg	gacatcagac	atgaacatgc	agtttgaagt	gtgccagtt	300
gggtttttgg	tcttcctttt	gnctannatt	tcctctcaat	aatg		344

<210> 975

<211> 195

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(195)

<223> n = A,T,C or G

<400> 975

cgcctgggca	gaggccatan	tnacttnttg	gggaactctc	anangacgga	caggaancat	60
ggcatggntc	catacctgaa	gagncacaca	cgtgcacctt	tctactggac	cagagattat	120
tcggcgggaa	tcgggtcccc	tcccccttcc	ttcataactg	gtgtcgcaac	aataaaaattt	180
gagccttgat	cagaa					195

<210> 976

<211> 154

<212> DNA

<213> Mus musculus

<400> 976

gagaacctct caggttcctg ttctggccac cctgagaaag tgtgctgaga accagaagaa	60
aacaagagct ggggtgtaaca gcacttggga cgcagtgagt tccaggctag cctgatctac	120
atagagaaag cctaccaaga gaagaaagaa aaaa	154

<210> 977
 <211> 182
 <212> DNA
 <213> Mus musculus

<400> 977	
tggagacacg agaagacaga ggagcatgtc ggctcccctg agattggagt gtgaggctcg	60
tgtgagtcac catgtgcttg ctccgaactg aacctaggct ctctgcagga gactcttaat	120
tcctgagtca tctctccagc ttctggcatt agtacttttt taatgtgaga aaattaaaaa	180
aa	182

<210> 978
 <211> 393
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(393)
 <223> n = A,T,C or G

<400> 978	
aggtcaccag gcaagtncaa caatccacca acccagncat ccagccatng nccancccag	60
ccatccagnc atncagcaaa ccagccatcc agncatncag ccatncacca acccagccat	120
ccaggcatcc agcaaccag ccatccagcc atncagcaac ccagccatcc agccatccag	180
cantagcaaa agcatnaaat gcagcaggag ggaccaacag cagggggagc agtagcccc	240
gccccaggct ctctgggagc tcttgaattt ataccctntc aagagtcccc agaattccaa	300
atgcaaaacta tctgcagggtg gcaaaaaatca tagttagcag ccctgtatcc cacacctgag	360
attaaagcaa aaacataatc acataaaaaa aaa	393

<210> 979
 <211> 183
 <212> DNA
 <213> Mus musculus

<400> 979	
ccggagacag agaagacaga ggagcatgtc ggctcccct gagattggag tgtgaggctcg	60
ttgtgagtca ccatgtgctt gctccgaact gaacctagggt cctctgcagg agactcttaa	120
ttcctgagtc atctctccag cttctggcat tagtactttt ttaatgtgag aaaattaaaa	180
aaa	183

<210> 980
 <211> 100
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(100)
 <223> n = A,T,C or G

<400> 980

caccgatctc ttcaggttcc tgctgccagc ctccccacc gtgatggact ataccctngc	60
attccagtca aaataaagct aacttgccca aaaaaaaaaa	100

<210> 981
 <211> 388
 <212> DNA
 <213> Mus musculus

<400> 981	
acttccggtg gcattccagt ggcttcttgc tgcttctgtg gactctggcc aatttggaag	60
agccttgagg tttcttctgg atggacgcaa gccactgcta tggctgattc gtgaatattg	120
tttacaagtg agtcgagcta ccactgctga ttctctgtgaa ctgaactgcc tgctgctatc	180
ctgacaacaa agactgggat tgccccaag aactatttct aaacagcca catcctcctc	240
tgccctatta acctttcctt tccactgcct ctggtgggtg gtaggctaga agggagggtta	300
aagcatttaa gcacacttaa gttggttttg aaaaatacaa gcttactgga aaaaaaatat	360
atatatatat atgaatgaga aaaaaaaa	388

<210> 982
 <211> 213
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(213)
 <223> n = A,T,C or G

<400> 982	
tgcgaggatg tctaacaaac ccacctacct acatcgnntc tttccatcct tacgacaatn	60
tcttcgaggc cagcctgctc aacaaagtca ggtccaggac agccagagct atacagaaaa	120
acagtgcctg cctttgagtc atctgctcca gtaaagaacg ctgctactgt gcgtaacccc	180
agtaaactca ttggtctaag ccaaaaaaaaa aaa	213

<210> 983
 <211> 266
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(266)
 <223> n = A,T,C or G

<400> 983	
gtgtggagta gagactgttc cttgtgatat tatggagaag aangtggctg ctntttgctc	60
tcattctgaag agtctacctg agtntaaggt aaagagatth atattaattg aattgacaaa	120
ggaaatttca aaaaagtcca acagagactt tgttntctgg ataagtctca taaatagcat	180
tttgaataag tatagcaagc ttggaaaaga aatatgtaan aatatatggt ccaaataata	240
aagggacaac aggaagagaa aaaaaa	266

<210> 984
 <211> 256
 <212> DNA
 <213> Mus musculus

<400> 984

attgctgcc	ggctatggg	gtcccagg	ctgacagg	cacaccatt	ctgtcttta	60
gaaacttgc	gggggctgg	gagatggct	agtgggtta	agcatcaac	gcttttccg	120
aggtcccga	ttcaaattccc	agcaaccaca	tggtgggtca	caaccacccg	taaagaaatc	180
tgatgccttc	ttctggaaga	tctgaggaca	gctacagtgt	acttacatat	aataaataaa	240
tctttaaaaa	aaaaaa					256

<210> 985
 <211> 257
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(257)
 <223> n = A,T,C or G

attgctgcc	ggctatggg	gtcccagg	ctgacagg	cacaccatt	ctgtcttta	60
gaaacttgc	gggggctgg	gagatggct	agtgggtta	agcatcaac	gcttttccg	120
aggtcccga	ttcaaattccc	agcaaccaca	tggtgggtca	caaccacccg	taaagaaatc	180
tn gatgcctt	cttctggaag	atctgaggac	agctacagt	tacttacata	taataaataa	240
atctttaaaa	aaaaaa					257

<210> 986
 <211> 177
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(177)
 <223> n = A,T,C or G

ggaagtgaga	tgacagcgnc	agaccccccc	tggaactgaa	gntgcagatg	gttctgagct	60
accacaagga	tgctgggaac	tgaaactgag	tcctctgcaa	gatgctgaga	tatctttcca	120
gcccttggt	tagaagtttt	cccagaaatc	cacgctacta	gcaactggatg	agagatg	177

<210> 987
 <211> 237
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(237)
 <223> n = A,T,C or G

gctgttctgc	ctgcatggat	gactgtacag	cnngctcatg	caggcgntga	aggngaccag	60
cangaggtcc	ttgggaatag	agntacaaac	aattttgaac	caccatgtgg	gtgctgagaa	120
ttgaacctat	gtcctgtgga	agatcagcca	gtgctcttaa	ccactgagaa	atctctccat	180
cacctattct	tgaggtttgg	ctnttctttt	tctttctttc	tttctttttt	tttttta	237

<210> 988
 <211> 285

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(285)
<223> n = A,T,C or G

<400> 988
aggatggcctg aggatggagc tnnnacgcnc acgatgctcg nttcacatna cncntaccaa 60
cccanggcng caagagatgg cccacatctt tangaacant tactgcncctt cccaagganc 120
tgagttacgn tgccagaanc cacantgct gntccntact agacctgtaa cttcaacttc 180
ctgtcactcc agctccaggg gatccaatgc cctttcctgg ccttcctgag cacctgcata 240
cacatcacag acagacagac agacatataa ataaaagtaa aaaaa 285

<210> 989
<211> 180
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(180)
<223> n = A,T,C or G

<400> 989
cctccacccc ccaatccctg agctctnccc cagggactgg accaccatcc aaagaataca 60
catggaggga acatggctgc aaatgtgaca cgaggatgac cttgttgaac atcngatcta 120
aaagggaatg ggagaagcaa agaaaaacat cctgtgatcc ctataatggc aaaaaaaaaac 180

<210> 990
<211> 131
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(131)
<223> n = A,T,C or G

<400> 990
taaggaagga cgcaaactgc tnacagcctt cccaaggcac agatctttcc cagcatggga 60
aagatcctcc ctccccctcc ctccctccct ccctccctnc ttccaccata cactcaataa 120
aataaaataa a 131

<210> 991
<211> 216
<212> DNA
<213> Mus musculus

<400> 991
aactgctgag gagacagact agcctgctgc ctggaagaga ctgagacctg cctgaaggag 60
agattctctg tctgttgag ctctccacaa gtatgtgaat gaactccagg gttcctgctc 120
ttgggtgatg agctatatatt gagttgacct tgccctgcc cttgcccttt tacttatatt 180
cttgtgaata actctaataa actcattgga ttacca 216

<210> 992
 <211> 273
 <212> DNA
 <213> Mus musculus

<400> 992
 gtcctctggc aacgtggaga cattgtaaca gactgggacc ctcacatgcc gataagcagt 60
 caagaatatt ttctgggagc tggagagatg ggctcagcag ttaagaacac tgactgctct 120
 tccggaggtc ctgtgttcaa atcccagcaa ccacagggta actcacaacc atctgtaatg 180
 agatctgatg ccctcttcgg gtgtgtctga agacagctac agtgtcctta catataataa 240
 ataaataaat cttttttttt aaagaataaa aaa 273

<210> 993
 <211> 211
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(211)
 <223> n = A,T,C or G

<400> 993
 tgggtggactt tgacactgga ccttaggaag ancagncggn tgcgtcttac ccactgagcc 60
 atctcancan ccncntaag tcagttttta agagtaagtt ttttaaaata aaaatatctg 120
 ggcattgatg tgcattccctt cgggtgtcagc acttgggaaa caaaagcagg cagagctctg 180
 tgagttctaa gccaggcatg gtgacacagt g 211

<210> 994
 <211> 100
 <212> DNA
 <213> Mus musculus

<400> 994
 gtccgctgtg cttgcctgct gtgggtgcctc cctaccagga cagactcttg tgcttttggg 60
 accataagcc aaataaaacc ttccttccat aaaaaaaaaa 100

<210> 995
 <211> 194
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(194)
 <223> n = A,T,C or G

<400> 995
 cggtagctg gtctgttgng gtggctccct accnggacag actnttgtgc tntcggaacc 60
 anaancnga tganccttc cttccctnct ttntacngna ccagagatta ttcggcgagg 120
 atcgggtccc ctcccccttc cttcataact ggtgtcacia caataaaatt tgagccttga 180
 tcagaaaaaa aaaa 194

<210> 996
 <211> 158
 <212> DNA

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
121
122
123
124
125
126
127
128
129
130
131
132
133
134
135
136
137
138
139
140
141
142
143
144
145
146
147
148
149
150
151
152
153
154
155
156
157
158
159
160
161
162
163
164
165
166
167
168
169
170
171
172
173
174
175
176
177
178
179
180
181
182
183
184
185
186
187
188
189
190
191
192
193
194
195
196
197
198
199
200
201
202
203
204
205
206
207
208
209
210
211
212
213
214
215
216
217
218
219
220
221
222
223
224
225
226
227
228
229
230
231
232
233
234
235
236
237
238
239
240
241
242
243
244
245
246
247
248
249
250
251
252
253
254
255
256
257
258
259
260
261
262
263
264
265
266
267
268
269
270
271
272
273
274
275
276
277
278
279
280
281
282
283
284
285
286
287
288
289
290
291
292
293
294
295
296
297
298
299
300
301
302
303
304
305
306
307
308
309
310
311
312
313
314
315
316
317
318
319
320
321
322
323
324
325
326
327
328
329
330
331
332
333
334
335
336
337
338
339
340
341
342
343
344
345
346
347
348
349
350
351
352
353
354
355
356
357
358
359
360
361
362
363
364
365
366
367
368
369
370
371
372
373
374
375
376
377
378
379
380
381
382
383
384
385
386
387
388
389
390
391
392
393
394
395
396
397
398
399
400
401
402
403
404
405
406
407
408
409
410
411
412
413
414
415
416
417
418
419
420
421
422
423
424
425
426
427
428
429
430
431
432
433
434
435
436
437
438
439
440
441
442
443
444
445
446
447
448
449
450
451
452
453
454
455
456
457
458
459
460
461
462
463
464
465
466
467
468
469
470
471
472
473
474
475
476
477
478
479
480
481
482
483
484
485
486
487
488
489
490
491
492
493
494
495
496
497
498
499
500
501
502
503
504
505
506
507
508
509
510
511
512
513
514
515
516
517
518
519
520
521
522
523
524
525
526
527
528
529
530
531
532
533
534
535
536
537
538
539
540
541
542
543
544
545
546
547
548
549
550
551
552
553
554
555
556
557
558
559
560
561
562
563
564
565
566
567
568
569
570
571
572
573
574
575
576
577
578
579
580
581
582
583
584
585
586
587
588
589
590
591
592
593
594
595
596
597
598
599
600
601
602
603
604
605
606
607
608
609
610
611
612
613
614
615
616
617
618
619
620
621
622
623
624
625
626
627
628
629
630
631
632
633
634
635
636
637
638
639
640
641
642
643
644
645
646
647
648
649
650
651
652
653
654
655
656
657
658
659
660
661
662
663
664
665
666
667
668
669
670
671
672
673
674
675
676
677
678
679
680
681
682
683
684
685
686
687
688
689
690
691
692
693
694
695
696
697
698
699
700
701
702
703
704
705
706
707
708
709
710
711
712
713
714
715
716
717
718
719
720
721
722
723
724
725
726
727
728
729
730
731
732
733
734
735
736
737
738
739
740
741
742
743
744
745
746
747
748
749
750
751
752
753
754
755
756
757
758
759
760
761
762
763
764
765
766
767
768
769
770
771
772
773
774
775
776
777
778
779
780
781
782
783
784
785
786
787
788
789
790
791
792
793
794
795
796
797
798
799
800
801
802
803
804
805
806
807
808
809
810
811
812
813
814
815
816
817
818
819
820
821
822
823
824
825
826
827
828
829
830
831
832
833
834
835
836
837
838
839
840
841
842
843
844
845
846
847
848
849
850
851
852
853
854
855
856
857
858
859
860
861
862
863
864
865
866
867
868
869
870
871
872
873
874
875
876
877
878
879
880
881
882
883
884
885
886
887
888
889
890
891
892
893
894
895
896
897
898
899
900
901
902
903
904
905
906
907
908
909
910
911
912
913
914
915
916
917
918
919
920
921
922
923
924
925
926
927
928
929
930
931
932
933
934
935
936
937
938
939
940
941
942
943
944
945
946
947
948
949
950
951
952
953
954
955
956
957
958
959
960
961
962
963
964
965
966
967
968
969
970
971
972
973
974
975
976
977
978
979
980
981
982
983
984
985
986
987
988
989
990
991
992
993
994
995
996
997
998
999
1000

```

<213> Mus musculus

<400> 996
tgagcagagaa ctctcagggt cctgttcttg ccaccctgag aaagtgtgct gagaaccaga      60
agaaaacaag agctgggtgt aacagcactt gggacgcagt gagttccagg ctagcctgat      120
ctacatagag aaagcctacc aagagaagaa agaaaaaa      158

<210> 997
<211> 100
<212> DNA
<213> Mus musculus

<400> 997
atacagacat acacagatca aagaaaatca acttacctcc tcaaagggtca aagaccaact      60
actgttttca accataggta caaagacaat ttgaaaaaaa      100

<210> 998
<211> 332
<212> DNA
<213> Mus musculus

<400> 998
tgagatttcc tctgctgcct gtggctatgg attcacattg ctgtcctcga aaaccaagga      60
tgttacaaaa gtctggggca tgggactcaa caaagattcc cagctgggat tccacaggag      120
ccggaaggat aaaagggctg gtgagatggc tcagtgggta agagcgccaa ctgctcttcc      180
aaaggttctg agttcaaadc ccagcaacca catggtggct cacaaccatc cgtaatgaaa      240
tctgatgccc tcttctggag tgtctgaaga cagctacagt gtacttataa taaataaata      300
aataaataaa taaataaata aataaatatt ta      332

<210> 999
<211> 280
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(280)
<223> n = A,T,C or G

<400> 999
gaactgaggg tctcactatg cagctctgna cagnctaaaa ctccngaatt aactagaccg      60
acctgccttg gctntccaaa tgctgaagtt aaggaggtct tatgatgntn anactgaggc      120
ttgaacaaga tacttaataca ngccggggcg tgggtggcaca cacctttaat ccagcagtt      180
gggagacaga ggcaggcgga tttctgagtt cgaggccagc ctggtctaca gactgagttc      240
cagcacagca agggtcaaac ctgactcgga aaaaaaaaaa      280

<210> 1000
<211> 305
<212> DNA
<213> Mus musculus

<400> 1000
gactgagctt attgtccaat tgagaggatc tgaggctggg tatccaaagc tgcctggaaa      60
tgagctctgg gtgtgtgtgg cagtctgaat atgctcggcc cagggagcga agtgtgtcac      120
tgtggctgtg gacaatgaga cctcatcct aactatgtgg gagctagtct tcttctagtg      180
gccttcagat gaagatggag aacgcctgcc tggatgctgc catgttcccg cttgatgat      240
  
```

aatgcactga acctctgaac ctgtcgccag ccccaattaa acgttgctct ttataaagaa	300
aaaaa	305

<210> 1001
 <211> 300
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 1001	
gctataagat acttgatagc accttnagag accatnangc tgntttctgtg gnaccttccn	60
ccaaagagat gcagaantgg ngactccaga gctggagaga gagagatgac tcaactgtta	120
aaagcactga ctgctcttcc agaggngngg ggntcaattc ccagcaacca catgggtggct	180
cacaattatc tgtaatgggg atctgatgcc ctctctctgtg gtgtctgaag acagtgatgg	240
tgtactgaca tatatgaagt aaataagtaa attaataaat agaaatgaga ctccaaaaaa	300

<210> 1002
 <211> 190
 <212> DNA
 <213> Mus musculus

<400> 1002	
gactgagggt tccaagaact gcccttttggg attcaaacgg gagccgcttt ggactgactg	60
gctgccttcc tctctctccc cctctctccc cttctgcttc agatttatatt attatatgta	120
agtacactgt agcagttgta ggacacacta gacgagggca ccagatctca ttgtgggtgg	180
ttgtgaacca	190

<210> 1003
 <211> 221
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(221)
 <223> n = A,T,C or G

<400> 1003	
gggatgtgtg acacttanta tcacacacta ctgngcngnt cctgtctttc tgntttcttaa	60
gctgtttctt cagggttagg ctggaaccta ggcttgtgag catggtaggc caggactatg	120
ccactgaagc acacctccag cccctcactg gagggctcca ggtacgggtg ggtatgtcta	180
ccactgagcc ctgcctcana tctttactgg gggactctag g	221

<210> 1004
 <211> 610
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(610)
 <223> n = A,T,C or G

<400> 1004
actgagagtt tctctgtgta gccctggctg tcctggaact cacattgcag acctggctgg 60
tcttgaactc agaaatctgc ctgcctcngc ctcccaagtg ctgggattaa aggctgtgc 120
caccactgcc tggtgacct atttatTTTT tgttcattca taaaacattt attgtgtatg 180
aatgttggtc tgctggctcg aggaagtcac catccttcac aagatgaaga tggctgcatn 240
gggncagaga ttaccgccat gttggtatac acactcttga ctggatatta cgaagctaga 300
agagaaaact tcaagggccg aaacctggag cagtaaacaa aggaatttct atctctggca 360
tcttgcaatg tatttttgaa aagatctatt aattttatgt ctctgagtgt ttttttctgt 420
atgtatttga tcccttccat gagtctggta tccacaggac attgaaatcc cttggactgg 480
agttatagat agntgaagca accatgtgtg tgctgggac tgagtcctca gaaagagcat 540
caangctct caccactggg ccactctctc aatccctgga ccagctttta aaataaacat 600
aatctaacg 610

<210> 1005
<211> 300
<212> DNA
<213> Mus musculus

<400> 1005
actgctactg cgttactggt ttaagggtgt gccaccgctg cttegtgttc gctatcccta 60
ctctaccgaa ctgaactgct gatagattca tgaaatgtct gagtggatca agctgccact 120
gctagcctgt gaagtgaact gcagatttcc agacaacaga caaaagctac tccaaagaat 180
ctttctaaac atgtccacat cccccgtatc ttctatttcc cacaacctct ggtgggtggt 240
ggactacaag ggaggttaaa gtgtttaaga atcatcatta aaaataggat ttgaaaacag 300

<210> 1006
<211> 347
<212> DNA
<213> Mus musculus

<400> 1006
ccagccagaa cttctggcct tcctgttggt cctgggccct cctgctgact tgtgccgagg 60
ctgaagactg gctgtctctg ctaggtagtc cactgctgc tgattcgtgt ctgctatcct 120
gactctactg aactagactg ctgatatacc ggtgaagtgt ttgcaaattg atcaagctgt 180
gaactgaact gctgatttcc agacaagaca cacaggggtt gtcctcaaaga aacatttcta 240
aacaggtcca ctctctctgt atcctttctt tcccacaacc tctgggtgggt ggtgggctac 300
aaggaagggt aaagcatttg aggaccatca ttaaaagtag gatttga 347

<210> 1007
<211> 234
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(234)
<223> n = A,T,C or G

<400> 1007
tctagctgta gaatgataac aaacanngtg atgagcccat agaggaatgg tgcgactcnc 60
aagganacac aggnccctctt aantgatnat nacncttann gtgaactcan agactatcgg 120
cagcatcgca ttaggtcctg cacaggtgga gtcctggunc tganangagg agtggatacn 180
tccttttatc cctaacctan aagttatctc cnatgnatag ccacttgcca atga 234

<210> 1008
<211> 150

```

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(150)
<223> n = A,T,C or G

<400> 1008
cactagcagc cttgagaaga agatgttgaa ctntnagctt tgnctgnacc atgcctgcct      60
ggatgctgtc atgtccacct tgaanataat ggactgaact tctgaacctg taaaccagac      120
ccaattaaat attgtctatg aaaaaaaaaa                                150

<210> 1009
<211> 506
<212> DNA
<213> Mus musculus

<400> 1009
gtgtccaaaa agaatgagac acaaagagac tgagtgggtt gcacaaggct aaacagttgg      60
tggacacccg cttctggacc tgctcgcccta agtggagctc tggagtttat attcttaaac      120
ctcacgtgct gcacacatga atgaacctga cctgagagcc ttactagcta cgtggaggga      180
gactgtgtat ccactacagg gcaggggatg tagctcaact tgcagagtgc ctgcctagca      240
tgcacaaagc ccgacgtgac atcttcagca tggagcagac tggatggggc gcatgtctgt      300
aatcccagca cttgggaggt ggaggtgatt gggtcaggag ttcaaggttg tcctacagtt      360
ttaagaccag cctgggagcg agacctgtgc tcgaaaacca aaacccaaac caaaacccaa      420
accaacttga ttacatatat acataaatat atacatatat acatactgct tgcaaatata      480
tacatccctg aatatgaaaa aaaaaa                                506

<210> 1010
<211> 311
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(311)
<223> n = A,T,C or G

<400> 1010
gatccctgga accagactct gtccggatgt tagtgctggg ccaggaccca agataagctg      60
ccgctgagtg cagctcttag nanggnngtg gtgtncanag gactacatgc atgagancgt      120
cagtctatcc ttgcacatgc ggntnnacct gggaatccag nttgcttgcc tgtgagtgcc      180
tttacctgct agaccagccc cctgccact gcctntcccc cctcctatcc ttctcctcc      240
tcttctttct cctcttcaca cttattgtgc aaatgtttta attaaaacat ctatcctc      300
aaaaaaaaa a                                                  311

<210> 1011
<211> 186
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(186)
<223> n = A,T,C or G

```

<400> 1011
agtttttggc ccttgancca ggtagagtta tttgggggaga agctcaactg agaaagtgcc 60
tccatcagag tggcnntggg cagtttctgc ctccaggttc ctgctttgag ttcctgcccc 120
acttcccctg aggatggacc tgcgatccaa ataaataanc aaaattatcc accccaaaaa 180
aaaaaa 186

<210> 1012
<211> 296
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(296)
<223> n = A,T,C or G

<400> 1012
acaaacagtc cagcacaagc cttacgaagc tgcagctggg acaacacagg tatactgttc 60
acattcctgc aagtaggaac cagctgtaat gataaaaagc aatacatgaa ccagtaagtc 120
gcgtcttcgt tggggtttct attgctggag aagagacacc aggaccangg cagctnggta 180
taaaagaaac anctcattgg gggccagctt tacagttaag agggnggggt ccattatcat 240
cgggggcagg gaaagcatgg gcagcgtcca ggcagacaca gtgctgggga aacccc 296

<210> 1013
<211> 173
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(173)
<223> n = A,T,C or G

<400> 1013
aaccaaccaa caaccaccc catnnntcgg tgacngtagc atttatagac cctctggaaa 60
gtcctcaaat tccaaatgac acacaattgc agaagctatc tgnagttggg aaaaaccgtg 120
cctctgctag agcactaagc aaatcagagt cagctgctgg gggacagaat tga 173

<210> 1014
<211> 328
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(328)
<223> n = A,T,C or G

<400> 1014
caggcctgag ggtccctgcc ccaagctggg tttggctgat aataaagaac tgccatacag 60
ccaatggctg ggcagtaaga caaggggctg ggagagagag acagagaacc accaggactt 120
ggaggagaaa ggatccgatg tcagagctgc aggaaagaaa gcaaccagcc aagtaagaat 180
tcgggaaaat gggggctggt gagatgactc agcgggntaa gagcgcctac tgctcttcca 240
aaggcttga gttcaaattc cancaaccac atggtggctc acaacgaaat ctgatgccct 300
cttctggagt gtctgaagac agctacag 328

```

<210> 1015
<211> 201
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(201)
<223> n = A,T,C or G

<400> 1015
agcttggtgc ctgcatatca ggaagacaga naagacagag gagcatgtcg gctccccctga      60
gattggagtg tgaggctcgtt gtgagtcacc atgtgcttgc tccgaactga acctaggtcc      120
tctgcaggag actcttaatt cctgagtcac ctctccagct tctggcatta gtactttttt      180
aatgtgagaa aattaaaaaa a                                201

<210> 1016
<211> 413
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(413)
<223> n = A,T,C or G

<400> 1016
gtgatatgga tcaaattcct caagactcga agcccaaaca aatctttctg cttcttaagc      60
tgnttcttca gggctaggct ggaacctatg cttgtgagca tggtaggcca ggactatgcc      120
actgaagcac acctncagcc cctcactgga gggctccagt tctgtgcccc gtgtgataaa      180
gtgccttggg tgtaaaaaaca cgactcctgt gagattacag ctgacctgga tcagaaggga      240
gtgtgtgttg ggatagcctg tctcccaaga taatctgtct agccttggac aaacaatgtn      300
aatgggaaga gactgaagaa cctcggaag gccctctaca gccgaacaa tttctcatt      360
ccaaaccct caccatcc caataaagg ncctggccag ctctgcccc  tgg                    413

<210> 1017
<211> 509
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(509)
<223> n = A,T,C or G

<400> 1017
aactgagact cttgcaaaga agcatcccag ccgntccag tcccttgat cctcgtggcg      60
ctcccaggtc agctctcgaa ctcaataact ttccaaggct gccaccacc tgaagatcaa      120
gttcctattc tcaagcttgt atcgatccag gttcctcgc cctggctctg tgaatcagta      180
aaccagcgcc cttgctgagc tgtgcagtct gtccctagtc acaggttatg ggaacaggga      240
atggctgaat taagattcaa attcaacccc agaagccatg taaaaagcta gatatagggg      300
actggagaag agatggctca gctgttaaaa gtactgggct gttcttcctg aagacctaa      360
ctcaaggccc agcaccacga tccaggcacg tcataaccat ttcccgtcc agtcccagg      420
attcaatcct cttctgatcg atttgggaac caggcatgca tgatgnngng cacagacaca      480
caggtagcca aaatacacat gcatgaaag                                509

```

```

<210> 1018
<211> 313
<212> DNA
<213> Mus musculus

<400> 1018
cacatggggt atcaagcctc cacaggacca agggcctcct ctcccactgg tgccagatga      60
atccatcctc tgctacatat agagctgaag ccatgcttct ctccatgcat actctttggg      120
acccacaaag caacttcatt ggaaactttt gcccacagga atggctaata gctttccatt      180
atgtaaaaaa ttttggtgct gcttggaac aagaagttag gacattgaat ctttcagtgt      240
ctattgggtca ttatatggga tattttatca ggtgatccct ctgaaggagt tttactacaa      300
gccttggctc tga                                     313

<210> 1019
<211> 444
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(444)
<223> n = A,T,C or G

<400> 1019
tccctttgtc tgctggaac gagtctctgg ggcagggtgg caaggagtgt gcggatgaca      60
gacagaccaa cagcaagat tgtgtagaat ctgaatgtat tttgtcagg cgagcatcaa      120
actttttata ccgaagaaat aacaagaaac caggcaaaat acaatccacc aagttacagt      180
gatgcaatac ataaggaatg catacatcaa aagaaggcgg ggaccaggct gctgccgaaa      240
agaaggggagc cagggtgtaa ctggtctatt gttaaaceca ccaccagggc ttctgcacta      300
gcagaccttt tcatgaatac tgcaataacc caacgcccc tttcctgggt ctacngaaga      360
atttaccaac ttgcttttaa tgtgaagctt gctatcctan ctgtagagaa gatctcggct      420
cagtgggatt ccctagctct aata                                     444

<210> 1020
<211> 297
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(297)
<223> n = A,T,C or G

<400> 1020
agcaggttga ttagacttga cctcgctgcc gctgagcatg agaccacctg ggggtggagcc      60
ttccgacctg gccggtctta ttgttctgtc acctgctgct gctcgtctcc aagacactgc      120
tacctgctga aaggcccttg agataatctg gagacagcat ccagccgatc acctactggc      180
tggcgaaggg caccaagaat ggattgtttg gggggggcgg gggaggaatg gtgggatggg      240
gatggnccgc ccctctttat aagtacagac tcttantaaa ctttggggcc ttgaaca       297

<210> 1021
<211> 331
<212> DNA
<213> Mus musculus

<400> 1021

```

ctgcattaag	taacagctga	gggcagctta	tctttggaga	ccctggctgt	cctctataaa	60
cgaccagcca	aggcaggcga	ggagtctggt	ggactgggct	gataatagg	cgacagcggc	120
tgaggctgcc	aagactgact	ctgacttcca	tcacccggtc	aggctctact	ggcccaagtc	180
ccactccttt	gactacctct	acagtgctgg	ggagatatta	ctaaacaact	tccctgtcca	240
ggccaccatc	aatttatatg	aggattctga	cagtgcagac	aatgaggaag	acaaggagga	300
ggaggaggag	gaggaggagg	aggaagatga	t			331

<210> 1022
 <211> 274
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(274)
 <223> n = A,T,C or G

<400> 1022						
tactgacccc	cgctagacct	ctaagacaac	tcantacttg	tgggacttac	atcatgccga	60
anaggagccg	agaactccag	tgtttggaag	aacagctcag	gctttgaaag	caatatccaa	120
ataaggcacn	ggctcttcat	acccacactc	cnactgagta	cagtgcccg	cacatgggct	180
aatactccat	acatntttac	tgcatgaata	aaagatcgat	agaggggang	nncgngcctc	240
ttctgggcgt	ggtgatcett	ccctcacagc	aggt			274

<210> 1023
 <211> 117
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(117)
 <223> n = A,T,C or G

<400> 1023						
gcacggcctc	cattgtgctc	ctgnacactg	gacagaagat	gcctctgatn	gtncctgnnga	60
cntgnaanag	ngagcctgcn	cctgngaatc	catccattat	acatgccctt	agcgag	117

<210> 1024
 <211> 487
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(487)
 <223> n = A,T,C or G

<400> 1024						
gactgagagt	gaagaccagc	gaagaccngt	gaagcattgt	acacatcgaa	atgtaatgaa	60
cctcctttca	ctgttcgtgg	agttccgatt	acattctttt	caaataatcac	acaccctctc	120
aagtgtccac	gacagcaaaa	catcacaggc	tctcacatgc	ttcagtaaaa	cagcctctcc	180
ccagacagca	tccagaaaaa	cacctcgtga	catgactgag	tttccaaaga	aaccagaaat	240
tcccacctca	ccctgggggc	tggagagatg	ttcagtgatg	ccagggcatc	gctgctcctc	300
aagaggacct	gggttcatt	cccagcacc	acagggcatn	tcacaacat	ccacaattcc	360
aattttgggg	catctgacac	cctcttctgt	cctctgatgg	caccagatac	acatgtgatg	420

ggcngacggt attaaangta atcaacncnc ccttgctgaa aacccaaaat tcaattaaat 480
 tttaaaa 487

<210> 1025
 <211> 347
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(347)
 <223> n = A,T,C or G

<400> 1025
 agagcgtctt ctataattta cacagcccat tgaaaccaag aaattaccaa ctggagcttg 60
 ccctgcctgc caagaaaggg aaaaatacaa taatatgtgc ccctactggn tgtggaataa 120
 nnttnccgn tgnttggtat atntnaacac catcttanaa aattcccatg ngctacatat 180
 aaggganagg ggncttcttc agataaccag atnntgtnt atgatcatga ggcaacnggg 240
 ggggctcaca gatattttga aagacttggg tacaacattg cnagcatttc tggggcaaca 300
 tctgatagcg tntnagngca gcacatcatt gaagacaatg atatcat 347

<210> 1026
 <211> 176
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(176)
 <223> n = A,T,C or G

<400> 1026
 gccccagtac tgaactcctt cangatttga cttgagcaac ggaaganaag gcgctcactc 60
 ggtggagaca ttccgtgaag agagtaccgg cccacctcca ggttttccac actcccttc 120
 tctgagagcg ggaggaagaa gatcgctatg tcaaagtgtta atttaaaaaa taaaaa 176

<210> 1027
 <211> 270
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(270)
 <223> n = A,T,C or G

<400> 1027
 taaattcaag aatcctgact caagagcttg ctagttagga aggctttttg ggcctagagc 60
 aaagaacagn ggctgtaaag tcatcccagg aactggctag ccacaaagat agagaagata 120
 tncaggattg ggggggattg gccaggcgc ctcccttata tcccaccctt gtctaccttg 180
 ggtaaaaagt taaccagatg ttctggntga cttcaataan cacggggggg gnanaattcc 240
 ctgactcact gacctgacat aatctttttt 270

<210> 1028
 <211> 149
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(149)

<223> n = A,T,C or G

<400> 1028

cctaggactg	aagtgtgnag	ctctctgctt	gctgctccca	tacgctgtgc	ttgcctgctg	60
tggtgcctcc	cttacnagga	acagactctt	ngggctttgg	ggaaccataa	agccaaaata	120
aacccttnc	ctttcccata	aaaaaaaa				149

<210> 1029

<211> 228

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(228)

<223> n = A,T,C or G

<400> 1029

gcgctgtatc	cacaacanac	aaaagttccc	accttntatn	catanccnng	atattgaccc	60
ttccacctac	aaggtttgcc	ctnngggtgc	actctactga	gaaggccnga	ttgcttgnan	120
agggccatt	aacctgccgg	accctggacn	nacaagatcc	ggcccatcan	ggcctctgtc	180
atcactcagg	tgnttcatgt	ncccctggga	aaagagaaat	atagggac		228

<210> 1030

<211> 181

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(181)

<223> n = A,T,C or G

<400> 1030

actgaagctg	acccacctag	atgtgggana	gccccctttg	ctcagtgcctt	tggcttaagt	60
gcaccaaaaa	atntggtnnt	ggaaaccagg	ggggggcctt	acctaaaact	ccttnaancc	120
aacanaccgg	actttggntg	gggccttttt	gaaaaattgg	gncggggggg	gaccacctgg	180
a						181

<210> 1031

<211> 173

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(173)

<223> n = A,T,C or G

<400> 1031

cagagcctag	gcgctgtngg	agccanaagg	acntttggtc	tggtatccng	accanntnnt	60
------------	------------	------------	------------	------------	------------	----

tgttgettgn tatccagaca cctcaggtga ggggtggtctt naagacagag cgaanagaag	120
cccttccttt cagttttcca gagcatctag ncatgcagtg cctgtgtgcc aag	173

<210> 1032
 <211> 134
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(134)
 <223> n = A,T,C or G

<400> 1032	
gactgagtct ggcttgcaaa tgcagcttga gcagtgcaga tacttagtgg aagaagaaag	60
ttttggtcca cagncctatt tcacgggtta gagcagttgt gcnataaang ccaatggatg	120
gtgaaaaaat ttaa	134

<210> 1033
 <211> 258
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(258)
 <223> n = A,T,C or G

<400> 1033	
cctgtatgat gtcaaccccc cagaaggctt caatctccgc agggatgtct atatccgggg	60
tgggcattcc ttgctgaana cgctgttgaa nactgaaana gngggtgnta gtcctgcccc	120
cggggggggc cgccttntac cactggcaaa agcccttgga cntccaccan ggtccggatt	180
tcccttggtc ccggagtttt tttggaccct ccccagagttt tnaaataaaa aaccatcccc	240
ccgtttataa aaaaaaaaa	258

<210> 1034
 <211> 153
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(153)
 <223> n = A,T,C or G

<400> 1034	
gactgagatt gtaggatcag tgaaatgctt tcctaaaaag ngaaaggcta aagatgtcta	60
gacaaaattt agnggctttg acagngacca cccttctggg tgtggacatg gngggatttg	120
tcctgtggaa aggcattccag cggtagatgg agt	153

<210> 1035
 <211> 292
 <212> DNA
 <213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(292)
 <223> n = A,T,C or G

<400> 1035
 aggctgtact ccctgtccac ggtccagatg agcagataga tgcccatttg cctcctaggc 60
 tacgaagagc taagccacat tctggatacc ccangggacn ngtttncnnc tgacaagatg 120
 ccaaaaagcca ttgnttgaga ctcccaagag ggaggggggcc tcttaagctg ccctatccca 180
 gaagcacctt ctttcccccn cccccaagga tnnngcccac ctttctncag gggacttcct 240
 ctgnaaagcc atggggctta agggaccag gntgaaaagc ccctccgcc cc 292

<210> 1036
 <211> 491
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(491)
 <223> n = A,T,C or G

<400> 1036
 gactgagggt ctggaacact gcctgtntgt gngngncatt gcgcattnaa gtgnacctct 60
 ngncctctgn tgcaanaatg agagnncnca gcntgctcan gaagagcttc cttggaggat 120
 gagaggcatg gnaatctaag tatacccttt aagcgttcca ccaaggattt tngagatcct 180
 ttcctanac aaagggtgaa tatttgnggg atcttgggaa aattgagcat ttttttcccc 240
 acttgctnga ntgtaattgc taacatgctc tctctgctcc aacctggaga agccagtctc 300
 tcagaagaac cagttngat actttgctgt gagatgcctg ccctaagaga gnagcagaan 360
 gtncctnaac nggntcctct aangtgataa ttanatgtga agcgttngac ttaangagat 420
 gccaaagtaa ctcagcngan gncncacaga cgataaatag cagtgangga agcccttcat 480
 gccggaaggc a 491

<210> 1037
 <211> 297
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(297)
 <223> n = A,T,C or G

<400> 1037
 aaaatactga agcaggctat gaaacatcct tcctncaacc tctgaatcca atgttgtgtt 60
 agggcncaat ctngaagtgg cctcnnngng ggggaggacc catatatctg naaactgaa 120
 ncggttaatn tgtncagctc cctccctcc gtcttccttt gccgagacat ggggcncnct 180
 atacaccaan tgggaactca caaaaaatgc ccccttgtct cctaccttta annnatnngg 240
 caccacacc cttgnngggg ggggggtttt cctcnnnga gctacaaagg ccatttt 297

<210> 1038
 <211> 199
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(199)
 <223> n = A,T,C or G

<400> 1038
 gacatcactc cagcctacac aatgagaaca ggggtgtgaa ggatccctga ggcatttgag 60
 ggtgggtgac acactgtcaa aaccgcgatc agtcccagta tatttggaac ttatgtagct 120
 ccatgcntgc taactaactc tgagacagaa gagcttgtn ccanccattac ccacaggagc 180
 aantctattc tcacagtaa 199

<210> 1039
 <211> 386
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(386)
 <223> n = A,T,C or G

<400> 1039
 aacagcagaa gggaagcaac aatggttctt gggccatata cactgggtgct ggcancanaa 60
 ganggccatc aaagactctc aaangcccaa gctcttnccc atgccaacan ggtnncccn 120
 caggggctnt aggcattccc cccctccan ngctcatgac agaaaagann gtggggatgc 180
 caaacactcn agcaaancna ggataggcca taaattgatn ntagagcggg gcnnгнаagt 240
 ccannatgnc nttgatgtgc caagccactn aanactcngg gaaactgagg ctntaggtcn 300
 tttcaaggct atgcatttgg agttggggcc cttgcctgct gaaagacttg ganctccatc 360
 cttntggggn cctcccatt ggggtat 386

<210> 1040
 <211> 232
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(232)
 <223> n = A,T,C or G

<400> 1040
 actgaaggtc tcatgtaccc cangttgacc tnaaacttgc tgtgcactgn aggatgacct 60
 tgaactacct gtgttcgggc ctncatctct gagtgctaaa nataacaggg tgtgcttcac 120
 cacatcggn catgtggggc taggcacagg ccaccccttg accttggttt tncgcaattg 180
 ctaagtcaat gctcgctttg nctgccnagg acacctctc ccaccaaagg aa 232

<210> 1041
 <211> 271
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(271)
 <223> n = A,T,C or G

<400> 1041
 aaacttgctg tgcactggag gaagaccttg aactacctgt gttccggcct ccatctctga 60

gtgctagnat	aacaggtgng	cttnaccaca	ntggncatg	tggggntagg	cncagacacn	120
ccttnacctn	gnntttcgna	attgctaagg	naatgctcgc	tttggmntgc	ccagacacct	180
nctcccacca	gangaatgga	actgaagngg	gcgatgatgn	ggacagaatg	tttctttctca	240
ccaaggacat	ataaatgatc	aaggacatac	c			271

<210> 1042
 <211> 372
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(372)
 <223> n = A,T,C or G

<400> 1042	
ccctgctgcc	acctaattctc
gagaagacnn	tcnaggcgac
caggttttcc	tttctgcctc
atgcttagac	gatggaaaac
ctccctaaaa	atactangaa
aacacccggg	aagaggctct
ctacattaca	ag
	60
tgctcctctg	ctttctccct
catgangatc	tacttttget
natggntttg	agatcctacc
gtgtctctag	ccaaacttcn
nttcngacga	taannncact
cagngcatnc	taggtctagc
	120
ctttctccta	gaaaagaaaa
tgctcagct	agatcctacc
gtgtctctag	ggnncctccc
taannncact	ngacaaaaat
taggtctagc	ctagcctggg
	180
ctttctccta	gaaaagaaaa
tgctcagct	agatcctacc
gtgtctctag	ggnncctccc
taannncact	ngacaaaaat
taggtctagc	ctagcctggg
	240
ctttctccta	gaaaagaaaa
tgctcagct	agatcctacc
gtgtctctag	ggnncctccc
taannncact	ngacaaaaat
taggtctagc	ctagcctggg
	300
ctttctccta	gaaaagaaaa
tgctcagct	agatcctacc
gtgtctctag	ggnncctccc
taannncact	ngacaaaaat
taggtctagc	ctagcctggg
	360
ctttctccta	gaaaagaaaa
tgctcagct	agatcctacc
gtgtctctag	ggnncctccc
taannncact	ngacaaaaat
taggtctagc	ctagcctggg
	372

<210> 1043
 <211> 246
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(246)
 <223> n = A,T,C or G

<400> 1043	
agactgagtc	ttcagantct
attataactt	tggtgctgg
ctgtgaatgc	ccttcttgca
cccttggygt	taccaaaatg
ggcctt	
	60
ctcagtgcctn	aataaccttc
gaaatgcctc	canccttgag
gaaatagata	atattaactt
gtngcntnnn	attncgcncn
	120
ctcagtgcctn	aataaccttc
gaaatgcctc	canccttgag
gaaatagata	atattaactt
gtngcntnnn	attncgcncn
	180
ctcagtgcctn	aataaccttc
gaaatgcctc	canccttgag
gaaatagata	atattaactt
gtngcntnnn	attncgcncn
	240
ctcagtgcctn	aataaccttc
gaaatgcctc	canccttgag
gaaatagata	atattaactt
gtngcntnnn	attncgcncn
	246

<210> 1044
 <211> 196
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(196)
 <223> n = A,T,C or G

<400> 1044	
cctccatggc	tcattcaaag
tcanggaaat	ctcaagataa
gnttttataa	ncttttnntt
cttttttctt	aaccct
	60
acaaggacnn	cgatgggaaa
agaggagatg	gtgaggcggt
ccccagnact	tttgaagaag
	120
acaaggacnn	cgatgggaaa
agaggagatg	gtgaggcggt
ccccagnact	tttgaagaag
	180
acaaggacnn	cgatgggaaa
agaggagatg	gtgaggcggt
ccccagnact	tttgaagaag
	196

<210> 1045
 <211> 129
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(129)
 <223> n = A,T,C or G

<400> 1045
 ctatgctgaa gatccatgta acctcaaaga agaatacccg ggngtngnct tggcctttat 60
 cttnggaata ctgcgccgta tganagggt gtattaaaag gggntnaang gatttaaagg 120
 gaccactt 129

<210> 1046
 <211> 382
 <212> DNA
 <213> Mus musculus

<400> 1046
 gacgtctggg gagctcctgc attaatgcag actgagaatc taaggagctg agagccaggc 60
 agaagtggga tgaagcccg tgatgccaaa gtacctttaa tctcccaggc agaggggcct 120
 tggctgggtg tcttcttgg ccataccaa acaggggaag agatcttggt ggaagaatgt 180
 gtccactggg gagctgaagt tccagaagac tcaggccatt cctagtgtcc ctttccactg 240
 cttcatgggt atatattaag atgtatgcc tcagcttctc cagtaccatg ttttcctgcc 300
 tgccaccatg tccccacca tcatggtcat ggactctaac cctctaaaat cgtgagcccc 360
 aaataaactc tttcttctat ga 382

<210> 1047
 <211> 249
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(249)
 <223> n = A,T,C or G

<400> 1047
 gacgtctggg gagctcctgc attaatgcag actgagggtc anactttcca gataccctct 60
 tgatggatgc tgagggtgac nggttcaccg acgncngtag cttnatccaa gaaggataca 120
 ggtacacaag ggcnncagag gtatcagaga ctgatnacta catacatttg ctacagtcca 180
 tatccatggg accatctaca gagagagaga gcgagnggcc tctggacaac tgaataaaaag 240
 actatcaca 249

<210> 1048
 <211> 120
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(120)
 <223> n = A,T,C or G

<400> 1048
caaccaataa gcaacatnta ttatgncaca attgctngta atttgacat tgaacttatg 60
aatgcaaagn gangngangg nccctacaca gacctttnag aacggcacac ctgaaaaccc 120

<210> 1049
<211> 202
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(202)
<223> n = A,T,C or G

<400> 1049
tcctgggctt ggacaggggn gggcnagaac taccttgntg aaccaacttc acattttgaa 60
gacttcaacc acatcacacc tacacagga ttttaacttca aatgtgtgca ttcacaaggt 120
tttaaacctta antgnatggg ancnttggcc gnccnagaag gnaannncag nccttttttg 180
gggggggggg gttttaaaaa at 202

<210> 1050
<211> 415
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(415)
<223> n = A,T,C or G

<400> 1050
gactgagatc tatcaacctg aagacccaga tnttattcag actcccactc atctncacct 60
cgtgnccaaa gacctnccat gctgctcagg agganacaga taaccnacc ntgataagtn 120
tggttcctt tcanctctct cctggccacc tccctcttct gtggtcaaag gatagaacaa 180
agactttact acagatgaaa gatgttgagt tttgagtttc cgggcaacat ctacggcttc 240
cntnggggtt ggtgtcacc cttgtaccg tagnggcaa cccaggggca gtggcactat 300
gggcagagga cncntctgt gacaggtaca ggcntttcct gaaaaaatgg catctgatca 360
ncaacataac attnttgggg gaaactaaag agcatttctt ttccaaaaa aaaa 415

<210> 1051
<211> 323
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(323)
<223> n = A,T,C or G

<400> 1051
cccccaatac tgaagctttg gcngtggacc ggnnggttct ctacaaaatg aagaaatctg 60
tgaaggcaat caatatctct gggctggcac ncggtggaga acgaggaaca ttacaccac 120
nctctggaga agttcgggtg caactgtgtg tgcaaaaatg atcccacact tangaacncg 180
cgttttctga agttctctgn gctcnccaaa ggagttgacg ggcntctctc aaaaacctga 240
tncnnaacat gnnngggggg gggctctngtt ccctnngggg acagtttggg tgaaaaggaa 300
aanctnaaag ggattaaaag ggg 323

<210> 1052
 <211> 300
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 1052
 ttgcctctcc aggctccatc ccngattata canccacagg ccggntncaa cntttaagac 60
 tgtcaangat ngaggntgtg agacctattg taagatgttc catngcttgt gggantgggt 120
 ggatttacnt agtggaatga cattcctatc aaagtactgn aagggatnca aagcantccc 180
 atcaaaattc caacattatt ctacaaagaa cttgaatgga aanttttcag ctnnngggggg 240
 ggaacacaaa aaactcagaa tagctaaaac aatcctgaat aataaaagaa tggttagccc 300

<210> 1053
 <211> 175
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(175)
 <223> n = A,T,C or G

<400> 1053
 aagcaaaata ctgagtttgt tntgncgtaa aacctgcatt tcagtcacct angtgtntta 60
 cnagatagtc ttctcatgg aagaagagng ggacntacca gancatccat taananctcc 120
 aatatgcaag atccaacana acacacttta antcaagtat ccatacctga agcct 175

<210> 1054
 <211> 178
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(178)
 <223> n = A,T,C or G

<400> 1054
 aaactctaca tcaagggana tcaancancc atcagtcngg gtngngggng gncntttan 60
 tttcctttta ccaatgacct attttgataa gcccgccctg caaaaggctt gctccttcct 120
 acctaannga aacctttacn ttaaaatggg gctnaatggg gggccccccc ctcctttt 178

<210> 1055
 <211> 350
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(350)
 <223> n = A,T,C or G

```

<400> 1055
gactgagctt cctgaagatg ccaggcttnt cttggctgca atnngatcaa natgnnaaac      60
tctcancttc ttttccagca ccattgtntgn ctggatgctg ccattgcttnc cgcnttgatt    120
accctgatga taatggacta gaantctctga acttgtaagc taagcccccان ttaaاتgntg    180
gcccttttat aagaataaaa caaaaccag cagngancgt tntgcaatag aactaaccac    240
accnngggtن taaaggctgg gattataatg agcagaacac agnctgtgtt ttctnggttc    300
aaaagcaaga ctgagcattt tggngaagat ttgggaagaa taaaaagcag      350

<210> 1056
<211> 127
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(127)
<223> n = A,T,C or G

<400> 1056
aaggacacaa gaatgagtgt gtttctgnta aatacaccac agggctctgta accttaagga      60
tggggccttg gactttcact gnagnatgga atgtctcacc tttcctaaag gtatttgaca    120
tggtgtg      127

<210> 1057
<211> 182
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(182)
<223> n = A,T,C or G

<400> 1057
gactgaggat ggatgagaat tacaatctct tgcccacgga agtcaatttc caagatgccca      60
tcttcccaga caccacaggag ancagaagga tgttttccag ctttttccag ttgctaact    120
gttcccaagg gcagcagctg acgactttct cgagtgactg ggaggtccag gaagacaaca    180
gg      182

<210> 1058
<211> 137
<212> DNA
<213> Mus musculus

<400> 1058
agtgtttctc tgtgtagccc tggctatcct ggactcactc tgtagaccag actggcccag      60
aattcaaaaa tctaacagcc tttgtgccac cttcaagttc tggggattaa atgcaccttg    120
tcacagcaaa aaaaaaa      137

<210> 1059
<211> 222
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

```

<222> (1)...(222)

<223> n = A,T,C or G

<400> 1059

actctacttt	gtgtcaagtt	gacaaaaaca	nacantgcat	ccagttggga	gagacaatgt	60
atcaagcaat	aggnaaanga	cagggcttct	cgggctggcg	agatggctca	ccggttaaaa	120
tcaactgactg	ctcttctgaa	ggttcctgag	ttccaaatcc	cagcaaacca	catggngggct	180
cacanccatc	cngtnaccaa	ggatctgggc	gccctcttct	tg		222

<210> 1060

<211> 294

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(294)

<223> n = A,T,C or G

<400> 1060

atcacggcaa	cctccccgnc	atgctgccga	agcccttctn	ntctccaatg	gacgtgatgg	60
tanctacctg	cngcgggaca	gcantgagca	gactgnnctc	tactctctct	ctgtgagagc	120
caaagactct	gncaaacact	ttcatgttga	atatactggg	tactcgttna	aattcngctt	180
taatgagtat	tcatcnctaa	aggattnngg	ccaagcantt	tgcaaatacag	cctttgattg	240
gaagcganac	aggtaacnctg	gcgnaaaccc	tgctganta	atacggagat	gaag	294

<210> 1061

<211> 348

<212> DNA

<213> Mus musculus

<400> 1061

gactgagatg	tctcacctct	tgtctaccga	ccgagcccaa	gtggacgtgc	ctcgctccat	60
ggtgactctg	ggctcctgcgt	gctgccggct	ttatttgaag	atacttcttg	ggccattgca	120
tttgttcagt	aaatactgga	ttaagtcctc	ttggtgcctg	cagagacagg	agacagagaa	180
gacagaggag	catgtcggct	cccctgagat	tggagtgtga	ggtcgttgtg	agtcaccatg	240
tgcttgctcc	gaactgaacc	taggtcctct	gcaggagact	cttaattcct	gagtcattctc	300
tccagcttct	ggcattagta	cttttttaat	gtgagaaaaa	taaaaaaa		348

<210> 1062

<211> 159

<212> DNA

<213> Mus musculus

<400> 1062

cagctcccct	ggtggagctg	gagctacaag	caactgtgaa	aactactctg	catattactc	60
ttcaaaagca	gtaacaagtg	atcttccacc	cctctgcctc	tcctctgcaa	gaacagcaag	120
tgctcttaac	ctgttaatca	tggagcattt	tcactagca			159

<210> 1063

<211> 142

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

```

<222> (1)...(142)
<223> n = A,T,C or G

<400> 1063
gactgagggt ttctagtgtat ncctggcccg cctggactca ccctgtagta ccanantggn      60
ctcanattca cagagatnga ctctgccttc caagtgctgn ctgggattaa aggcgtgtac      120
caccgcctcc tggaaacatc at                                         142

<210> 1064
<211> 309
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(309)
<223> n = A,T,C or G

<400> 1064
gactgagaat gtctaata gca naggaagaaa cntgctaaga aaatgagaaa ccagcccagt      60
accgtgactc tgcctccgg ctttgtggct gagagagatg ganagcatca ttttggaag      120
gggaagccgt cccaatctca naaacaagag cnacantctt ggancctctt ggnngggnca      180
aatcatnang agtgnanact tgcttnntga ntnnangtg aatgagcaat nttcctacac      240
nnncannttt aaccaaagag ggaggntgga atcatgctnc tgagngcact tctcacgaga      300
tccccattt                                         309

<210> 1065
<211> 137
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(137)
<223> n = A,T,C or G

<400> 1065
cctgttgctg tcaagatgga gcancaccct attacccta ctanggaaaa agccnncaga      60
ggangatngg ggnnggggtg ttttttgaca accaaaattc ctccccagc tactttgntt      120
tttcaggca aaatttt                                         137

<210> 1066
<211> 229
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(229)
<223> n = A,T,C or G

<400> 1066
aaggaggtcg gccatttctt cctgccttcg ggaagatnta gccattcctt tgggaaacat      60
tnntngagag angggctagg gacccaaaaa tttcgcttnc actcngaact acngttcttt      120
caaaaaaggt gtnaacaag gggaccttta cttttttttt ttccccctna nacttttact      180
tnggaggnna tcaanccttt tgaanaaaga aatggggacc tttgctttt                                         229

```

```

<210> 1067
<211> 165
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(165)
<223> n = A,T,C or G

<400> 1067
actgagttta agtattgttt aactgcatca atggagcaca tacagggagn ttgcaanaga      60
tcagcactgg cttttgaact naaganncgg ngtttggtgc tcaacttcat ctcccctacn      120
tttgttctaa ggntgcnnta nccnccggcc taatataagg gcaag                        165

<210> 1068
<211> 229
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(229)
<223> n = A,T,C or G

<400> 1068
tgagggtcga gctgtgcagt ttcagcggnt acaagaatct accccgggac acgggccggc      60
gctacccccca ggacccgacn gggagggggt tnnnggtttc ttaatgcaaa aatgtgagtc      120
accntttcct ttccaaaagn aatcctcngg cagataaacc tggactgtcc tcttacanaa      180
aggnancaca agaaaagggg cagtncggna aaaaatttca aaagggaaa                229

<210> 1069
<211> 237
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(237)
<223> n = A,T,C or G

<400> 1069
agtaggacgc ggactctgag ccagcagaga ctgaagggga agccgaggag gntggggacc      60
ctggagacac cggtgctgaa ctggatgata angcactggt ctgacgacat cccttctgat      120
gctgaagcgg agcatcgctt acagagccag gccaaagtga aagcagagct ggaagctgan      180
aagtatcngg aaaacgagga agagaaaccc tggngtgga aaaccaaaaa taaaaaa        237

<210> 1070
<211> 262
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(262)
<223> n = A,T,C or G

```

<400> 1070
tactctacta tgagcctcca cctgcttctc cattngaagn gaagacctnc catccggagc 60
tggnaantg tctcaccagt taagagcact tactgctctt ggagaggacc canaccagtt 120
cccagaagcc atatgggaag ctcacaatct tctatgactc tgcttgccggg gagaatctga 180
cactgncttc tgggatagga agnctttttc tctgnctagc ctcttcaata aagacatctg 240
cgtgtcctca cccccaaaaa aa 262

<210> 1071
<211> 385
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(385)
<223> n = A,T,C or G

<400> 1071
gactgagggg cggagncgac tgtttcgtgc aacnactacc ancaggaaag accaaagacc 60
acaggngagc tgtgcctgca cttaccaagc ccncgaatat gcatnaccnt gangannagt 120
ttgttgTTTT tgtaggagat agacagnTtc gcttccccac cgaccttnc aaccggccgg 180
gccacgtcc catctgnaga aatnaaggna acagaagtct atnggcanca ntgactgctg 240
ttctgngngt gcngagttca aatccagca accacatggg ggcttacaac catctgtaat 300
gggatatgat gccctctatg gtgtgtctga agacagctac agtgtactta catttaataa 360
ataaataaat cttacaaaaa aaaaa 385

<210> 1072
<211> 290
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(290)
<223> n = A,T,C or G

<400> 1072
tcattgaagc tgcttctctg tcattctgga acctgagaga ctgaggcaga aactgntcat 60
gaggttacgg tcaccatgng tgcttggtt tatcaagttg gcaagactta cnancttgga 120
aagcgntatg gntngnatat gctcgacca ggagtggtag tattagaagg ngtngccttg 180
ttgnagtagg ngagggctac ttgnaagacc agagacttng tntagagact anncnangnc 240
cgcanatgct ccnctaggtc tctccagcca cnttcagagg aaaggaagaa 290

<210> 1073
<211> 452
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(452)
<223> n = A,T,C or G

<400> 1073
gactgagtc cgcattggtc gaaatgagac cccctacctc atctggacca ctccggcgga 60
tgtgctggat tgctgcttcc tttccaagga tcagatgata aaccattatg cccgtgcagg 120

ctccttcacc	acaaagggtgg	gcctttgtct	caacctccgg	aatctgccgt	ggtttgatga	180
ggccgatgct	gactctttct	tcccacgatg	ctaccgattg	ggggcagagg	atgacaagaa	240
agccttcata	gnnnanggga	ctcnaannnc	aggcctgnct	nccttangcn	ggctggccna	300
caggggaaaa	gagcaagcct	cccnttgngg	cctntgnaan	cnnaancntt	tcctnctacc	360
aangggncctt	ncattcataa	gccaaccttg	gcattcagag	aagcctangg	agccaggcctt	420
gtaccctgta	ncgggttcta	gaggtgggtg	gg			452

<210> 1074
 <211> 143
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(143)
 <223> n = A,T,C or G

<400> 1074						
ggggctcttc	agacataaga	actatnactc	tcccacatgc	tccatgtnta	ttggntgact	60
tcatttcntg	aaccccatcc	gnnaatcgnc	agacagaagt	ggaagaagcc	tttntagaga	120
gccaaangcc	gacggaggac	gga				143

<210> 1075
 <211> 199
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(199)
 <223> n = A,T,C or G

<400> 1075						
actgaggaca	aaggcatgaa	actgaaagct	gctcgtgtgt	gaacgctggg	atttcctgtg	60
caaacaggag	atggtagggg	aagagggaa	cctttgtgat	aggttgtgag	gaggcgctcn	120
ctgaaaagaa	cctacccnc	cacccttgag	gggtccttgn	gcntgcctg	ctgaggantt	180
tcagatactt	attaaaaga					199

<210> 1076
 <211> 256
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(256)
 <223> n = A,T,C or G

<400> 1076						
gactgagggtg	aggcacagct	ttggctgana	ctnangcaac	agaancaaac	caaccccagn	60
gtggggncat	caagcttttc	attcagcgtt	gaagaatgaa	attatgtcat	ctgcagggaa	120
acggatggaa	ctanagatca	ctgttaacaa	caaggaaaac	aagcaagcna	acaaacagac	180
ttccaagcag	atatgggttc	tagcctgcaa	tcctagcact	tggaaccag	aaggaggctc	240
agaagttcaa	ggtcag					256

<210> 1077

```

<211> 214
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(214)
<223> n = A,T,C or G

<400> 1077
actgaggtgg agaaatggaa cgcacgtgat cagaagctgc tggaggcggg gcagcggggg      60
gacgtgggac gcgtggctgc cttggcctct aggaagtcag cccgaccac caaactagac      120
tcaaattggc agtccccgta agtaagattt ttnaccncn acctggnatg nnaggatnga      180
acttcaaac agtnaggcaa gggctataac ttca                                  214

<210> 1078
<211> 464
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(464)
<223> n = A,T,C or G

<400> 1078
actgagtgc catgaaagat accaggctga cggcactgga aactgatgta ccatctgtcc      60
ccagaacagt ctggnagtgg ccctaataaa gagctgtgca aaccttttagc acacngtcct      120
gganccacac cagcanagtt gagtgagaga ntgggtccant tagccaacat tggggagctg      180
ntctccatgn tggncctcnc canactgggt gtgcgggtatg acgtanacng acatcttcaa      240
ggagtccttc anttntgaac gnggncctat gcttgtnac acgttggttg attatnacct      300
ggaaaccant tctnagccgg nattgcaaca tcgctgacca ccttgaagga gccacacgat      360
aagcacctct tgnacaatac tctgnangcc nagaagnnta accgaacact ttgctccaaa      420
tcnntaacna ntnaangnng gtagaggaga cttgtttaca ccgg                                  464

<210> 1079
<211> 310
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(310)
<223> n = A,T,C or G

<400> 1079
cattggcccc tgaagctaca tgggatatcg caaaccctg ggagaagccn atttttctnc      60
atctggggng gctcctccta ctggtctcct gaaggcagtg gaccttntgc cccnnaaaac      120
ttaancaggg gtctggntag cttcccctaa nggggnantgg ttctggcttc tggttccttc      180
ctctggggtt ccaactgate cttgggtgan aagcccnggt tccctattna aaaacnacnc      240
atnangggct gggaaatgng ggttaaaacc gggcccagg tncnngggcc ttgaaagagg      300
gccctttttc                                  310

<210> 1080
<211> 262
<212> DNA

```


<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(262)

<223> n = A,T,C or G

<400> 1080

taccatctct	tggggaaact	caggaacat	ntangencgg	cttctgcaga	agttctnact	60
gtggaaaata	cacagcanct	ncacccactt	tccagagtgg	ctgactcata	ggctangtct	120
cctccnnncn	gccaacattn	aatttgggnt	tgaactgcac	ccatggttcc	ctngtctgag	180
catttgaatg	ngtntntnctg	tgacggataa	cangcttggg	ngncttagac	tggagggggg	240
gcgcgncaca	agaggaagaa	ct				262

<210> 1081

<211> 259

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(259)

<223> n = A,T,C or G

<400> 1081

gactctggga	cctcttatat	cnactatgat	atnngcatcc	acacaacttn	catgggggtct	60
tcnattcggn	cctntcttgt	gtacgantna	agggtnntaa	tagnccgtgn	nggctgaggc	120
aaagactcca	aagcancgcg	ttgtgggggg	ggtttaccag	aactttncgt	ntaaaaacct	180
gtttttnaac	atgaacagtc	gncagnatgg	ncccccccn	gcccgccagg	gcttgggaag	240
atctcctcaa	gaaaaggcc					259

<210> 1082

<211> 314

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(314)

<223> n = A,T,C or G

<400> 1082

gactgaggtt	tcctctctca	aatctcccat	ggagcactct	cggagtcccg	agccagctga	60
gcattcttac	aggagagaac	agagccngcc	ntgctaagca	tgacacagag	caccggaaaag	120
caaggagaag	aaagagatct	tgagggaaaag	naggggtccc	ngnaatgnan	ntgttnncac	180
caaaaanggn	ctggactgct	natttnatta	attaaccggg	aggcnttggg	aaacccgngg	240
cttgggggnt	cccnggggn	gccggnntat	naaggcttgn	ccaattttnn	caaaggggca	300
accctttttc	tttt					314

<210> 1083

<211> 142

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

```

<222> (1)...(142)
<223> n = A,T,C or G

<400> 1083
attactgagg ggtctcaggc atctgtnttt gctgctgtcn tgctactaaa aancctcaaa      60
cgggaaaant ttgggtttgc cttttggngg ggggggccnn ccgaattntt annccctttt      120
caaaaagggg gccttgaacc ta                                          142

<210> 1084
<211> 225
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(225)
<223> n = A,T,C or G

<400> 1084
agtccttgaa gctactgaga taatgggaac aatgggagta gatagtcccn ttataactca      60
tctggggatt ctttctcnaa ctttcaagtg accacagggg ggaaacattg ggtctggtaa      120
ccnccacnct tnccgggang ngnatngngg gaacctggga ttggctttaa accctggggc      180
ttaaggtcat tttaatnttc ccttgggggc cccttaaact ttttt                225

<210> 1085
<211> 455
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(455)
<223> n = A,T,C or G

<400> 1085
actgaggtgc aaagaaatgg ctggaatgga ggaaagagat cgagttgctc tcggacatag      60
cctacttttg cctcaccaca attgcaggct accagaccct tggggaggag tacagttggg      120
atcatccaag tggacccatc ccagcagcgg tgtgccctcc aggetccgnc gtgcagcgct      180
ggttgcactg catgcttgct ttgccctacc tgctagacaa ggcactgctg cccttgagc      240
aggagctgca agccgatggc gatgctccc gggcttcaca gggcagtctg ctacctggag      300
gacgcagccg atcaggggca cggcgtggg tgcgtnacca cgcagccacc ctgactgaac      360
aacagaggaa ggccctccag cggncagtct tcactctgaa acagggcttn gcctgcctcc      420
atngggntcc angtggcttg gttttatatt catgg                               455

<210> 1086
<211> 162
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(162)
<223> n = A,T,C or G

<400> 1086
aaccttgact ggatcacnaa actgannccg agatccttta ctctntncc nacaagtctc      60

```

ttcctctgca	aaaaacgcgg	ggcagaatgg	aagtaacaaa	ctctgacaaa	atacagcgac	120
aatggaggaa	gactctaaaa	tacccttgaa	gcttgacaag	ag		162

<210> 1087
 <211> 359
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(359)
 <223> n = A,T,C or G

<400> 1087						
gaactgagga	tggtgtgttc	agtggcttac	aacagggaga	catccacctc	aaccagatcg	60
atgctgagga	cccagaggnc	tcangaggan	ctanntgtga	aacatnacc	actttanctt	120
tgtcnaacct	cagtttgaga	tgccgatgcc	ancccttcnt	ccctgggggt	cttcctcccg	180
agtttncggg	ngttgcccgc	ccccctnccc	tggagctgnt	ttgacctaaa	ttgaaaanat	240
ttttcccnng	ggggaggggn	gcggcctggn	ctttagaatc	nccaacaagg	ggganctnga	300
nggaaaaacc	ttgnaaattc	ntattggncn	ccccctgggg	gcnacatttt	ttggattaa	359

<210> 1088
 <211> 216
 <212> DNA
 <213> Mus musculus

<400> 1088						
atactgaggc	ttccaagact	acccccatgc	cttcctctct	gactcctctg	acagtgagta	60
ccgttggcac	accgactcta	ccacgttctt	cactgactga	gatggcatgg	ttgcccttgg	120
cctggcttgt	gagtagaagg	gtgtccaggg	ccaccgcct	tagccaggat	taaaagaacc	180
agagatggaa	gctacaagga	agctgaaaaa	aaaaat			216

<210> 1089
 <211> 438
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(438)
 <223> n = A,T,C or G

<400> 1089						
cgcgaggctc	ctcctcctnc	tnctattgnt	ccatctgtnc	tnctnnncag	ncgtcacccg	60
tgntcnatg	cnacnctca	cgaaggggcn	tnagctggat	tcaattcgna	gagcgaacnt	120
anggganctt	cttcacgcgc	tggataattg	aaaggngant	accttcaggc	cattaanccn	180
ganntgactc	atatatnnca	aaatgnngct	ctctcttctg	gaacgcctgg	agaaaaacaa	240
caanctncc	agctcccaag	aaggcaagcc	tgagctcaaa	tttggcggca	agtccagagg	300
caagctctgg	ccattcatca	agaaaancaa	ggtactgacc	atttggaccc	tgngtgggct	360
gnaagctaca	gatgcagagn	ctcagagtnt	atnttttggg	cttaatcaaa	ctaagatctg	420
gacttccaga	gagcgaga					438

<210> 1090
 <211> 195
 <212> DNA
 <213> Mus musculus

```

<220>
<221> misc_feature
<222> (1)...(195)
<223> n = A,T,C or G

<400> 1090
gactgaggtc cactgggant caagatgact ggagtcaaga ttanctanan ggantccaga      60
cgtgnaaggt naagaatang aactcagcat accacgtnta acccacatgg atttatcttg      120
gaggtaatga agagacaact aaaaaaacgc agaagtgggtt ttcataaatg aaatagtaga      180
ataaaaaata gaaaaa                                         195

<210> 1091
<211> 306
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(306)
<223> n = A,T,C or G

<400> 1091
actgaggtcc gtctgcagca catcgccaat ggcattccagt tacnccagag ttcttatgcc      60
atggttaaat ggcgggaccc atgaactann ncntggaatg gtccatcact ccattttaat      120
ctaggggaaga ggttctagtc tgtgtttttt cacaaaaaga agacagagng cgaatnggctg      180
atggctgcct gaaagactgn gttcatcaag tggacacaga tccttgaatc tttctagggg      240
aaantggggg ggctccctca tccttgaggc tggttgatn gcanaccctc tgtctccact      300
ggaggt                                         306

<210> 1092
<211> 145
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(145)
<223> n = A,T,C or G

<400> 1092
aaccagatcg atgctgagga cccagagggc tcnnggangn acnaaatggn aaacatganc      60
cacttttgct ngccaacct cagtttgaga agccggatgn cancccttca ccttgcggtn      120
ttccctcncg agtttgcggt tagct                                         145

<210> 1093
<211> 289
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(289)
<223> n = A,T,C or G

<400> 1093
actgaggagt ctgcagngct gggacctcaa ggacgctctc tggttatcaag ccacagcccc      60

```

```

gccccagca cagcacccta gagagccgag acagaggatg ttggcttttg cttttctttc 120
catggttcca attatcttcc cagaaagcct cctgaccagc gtacttccca tcagaagcat 180
taagacatta ttaattaatc cttgctaggc ctgagatgat aatcattgct gtcacatgtn 240
cctgtgaaac taatgntgcc ttacttataa agncccgagt ttattaaaa 289

```

```

<210> 1094
<211> 105
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(105)
<223> n = A,T,C or G

```

```

<400> 1094
caggggtagg cctcggactt ctcgctgncc tggnatctct ttgtggmann cantangagg 60
ccngnaagga gagccagagt gngatcggta aaccactccg tgccg 105

```

```

<210> 1095
<211> 156
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(156)
<223> n = A,T,C or G

```

```

<400> 1095
gtcttttggg agaaccatna cccgaccnaa ngnangccgc cnaggcaatg actttggtac 60
acagnacngg tcancantct atccacatc cgctgngcan tagaaagcat cctgagatcc 120
naggaagaat accannaagg ttcttttcaaa gcataa 156

```

```

<210> 1096
<211> 155
<212> DNA
<213> Mus musculus

```

```

<400> 1096
gagaactctc aggttcctgt tctggccacc ctgagaaaagt gtgctgagaa ccagaagaaa 60
acaagagctg ggtgtaacag cacttgggac gcagtgagtt ccaggctagc ctgatctaca 120
tagagaaagc ctaccacgga gaagaaagaa aagaa 155

```

```

<210> 1097
<211> 112
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(112)
<223> n = A,T,C or G

```

```

<400> 1097
gctaagagca ctgactgntc ttccgaagggt nctgagtnna tatccnttnn ccacatgggt 60

```

ggggttnacaa ccatcngta acgaaatcaa nangecttct ttctggagcg tc 112

<210> 1098

<211> 166

<212> DNA

<213> Mus musculus

<400> 1098

ctgccctttg	gtattcaaac	gggagccgct	ttggactgac	tggtgcctt	cctcctcctc	60
ccctcctcc	cccttctgct	tcagatttat	ttattatatg	gtaagtacac	tgtagcagtt	120
gtaggacaca	ctagacgagg	gcaccagatc	tcattgtggg	tggttg		166

<210> 1099

<211> 537

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(537)

<223> n = A,T,C or G

<400> 1099

tctgatagaa	aaaggctaca	ggggggggtc	gttttgtggt	atngtcngaa	agaggngaatt	60
gaganctttg	ccattntttt	atancacaac	agatctggga	ntgaggnggc	agcaccgcga	120
tcntnacact	gcgatggang	cggaggngcc	ctgncncacc	cnnaggggta	cntnatactt	180
ggcattnaaa	cancttcggg	gacatgtggg	tactgcggtc	tgagttctg	catctccatg	240
nctagnngg	cctgtgcnc	ggnccctctga	ctcctatgga	acatccccnn	gctgagtgtt	300
ctgggctacg	ccactgctct	gtgnangttc	gcacctgtt	nanaataaag	gatactnccn	360
ccatgganaa	gaagagggaa	attctgcnn	ntannccctga	ctccggcttg	nggtnggtac	420
cttacttcat	ntgnccactg	ggccgggttc	cctatacana	atgcgtgntn	anattatctt	480
gngcttttgt	tancaaagta	ttgnaatana	nagaatagtt	tctttgaaat	ccaaaaa	537

<210> 1100

<211> 428

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(428)

<223> n = A,T,C or G

<400> 1100

cttcatagtt	catcttcttg	angacacttn	tttctgcgtg	cactgccgtg	ggagaaggag	60
gcaaagacga	agatcagacc	cagagggtgc	tagaatgcag	catctgacct	atcctntggc	120
cctgaaggtc	tggaagctg	agcactgcc	ataaagatgc	cagtttctcc	cccagccagg	180
tctgagtggg	tagcaagagc	ccaaggcatg	gatgactttg	ataccagcca	attattctct	240
cccgaccaca	tgccatagct	gcttttgcca	tctattctga	agagcccanc	ttacctttcc	300
tcagcaccct	gctcttattt	gctctttcta	gagctctagn	gcattttctca	tcctaaagca	360
aagggcctgg	gttncccaat	agctatnaac	tgctattggg	ttnaataata	aaaattcccc	420
tctcatct						428

<210> 1101

<211> 532

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(532)

<223> n = A,T,C or G

<400> 1101

tctctgtata	gccctggctg	tcctggcact	acctttctgac	tgagtgttct	attgctgcga	60
agagacacca	tgaccaagtc	ttagaaaaga	aagcatttga	ttggggcttg	cttgcagttt	120
tagaggttta	gtccattatt	gtcatgatag	ggagcctgat	ggagtgcagg	cagacatggg	180
gctgaagaag	tagctganag	ttctacatct	ggatctacaa	acagcaagaa	gaaagagtca	240
ctcactgggc	ctggcttgag	ctcntaganc	ncncaaagcc	cacctncagn	gacacncttn	300
ttccaaanac	cacacctcc	aacaaggcca	cnccttctat	ccttctcaag	gagtgcact	360
ccttaccgac	tgaagnggaa	acttccaggn	nctttggaaa	gncagttatg	ccatcatagg	420
ctgntgtgct	ggggcgacac	ggtaaaanac	tgtgctgnag	canatgtggc	taaaaggatg	480
ntttgctata	ccngacntgg	gaaatgacta	gtgatgggta	gaaataatat	ta	532

<210> 1102

<211> 526

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(526)

<223> n = A,T,C or G

<400> 1102

gactgagagt	ctacgttggt	tgctgacttg	gctatttcac	agacactgat	gatgtgcact	60
ttgatgcagc	acatgaggct	tatgaaaata	atattgatca	tcttaatttt	gatttggatt	120
tgatgccttg	ggagtcagac	ctatggagcc	ccggcagcca	cttctgctca	gacatgaagg	180
cagagcccca	gcctctttct	ccggcttcc	ccagttgctc	catctcctct	cctcgggtcca	240
cagactcgtg	ttcttcaact	cagcacgttc	ctgaggagtt	ggatttgttg	tctagttctc	300
agtccccct	ttccttatat	ggcgacagct	gtaatatgcc	ctcctctgta	gagccactga	360
aggaagagaa	gcctatcact	ggtcctggaa	acaaaacggg	tatctgccgn	tctcgctctc	420
ccaacttcta	ttatttccat	tttagacaac	ttaagtcca	tattttaaag	gcaaatcctg	480
gattaagctt	atatttatta	aattggcttg	catttaaaaa	aaaaaa		526

<210> 1103

<211> 130

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(130)

<223> n = A,T,C or G

<400> 1103

tgtgacacat	cccactgctg	naccngagg	agnacacac	gtncacaatt	tntactggac	60
cagagattat	atcggcggna	antnggtccc	ctnccccctc	cttnataagt	nggtgtcaca	120
acagtaaaat						130

<210> 1104

<211> 243

```

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(243)
<223> n = A,T,C or G

<400> 1104
ggggcgttcc tgcataatcnc nntttngacc acgnncttca tcngcctcat aatctagctg      60
tccaantcna ttcccgtttg gtgagcggag gcacttcncc aangtggact ccaaaggatt      120
cggcccttta cnattingann ngaaatgatg gccacacatt tgnactcggg ctgcctnang      180
aanatggtga caaactcatg gcctgtgggg cgggcctctg cctgtgaggt gtcaaaaaac      240
aaa                                                                243

<210> 1105
<211> 367
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(367)
<223> n = A,T,C or G

<400> 1105
gactgaggtc attgaaaaac aaaaccggta actaccanct ggatgttnat cacgnctgcg      60
ctgagcccac agatncagtn ngaggaccag tcttctccag gagcatggca tttntttcca      120
ttnatattag tcnctggtnn ctctcancgg naccttaccg ttntaagggn acanactctt      180
tatacgtnnn attaaacttt ctccatgtcc ttttaatacta angtaantgg gattgtncat      240
gaattcttat tttcaagttg ntgctaccct acagaaatac aagtggggtt tgattgctga      300
ctttgtatca tgntacactg cttaaattaac ttattagctc tagtaactta ataaactttt      360
tttggtta                                                                367

<210> 1106
<211> 118
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(118)
<223> n = A,T,C or G

<400> 1106
gactgagata gaaggacaag gacaaaatca ccagcactgg ctgaaggtag ntatgcntgt      60
ggnggaatng nnagttgata catagcgcga nacctnganc agatatccaa cctacttt      118

<210> 1107
<211> 215
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(215)

```


<223> n = A,T,C or G

<400> 1107

ctgaaacctg cttactcagg ggtggagctt gccgntcaat cgttctgcca cagencactg	60
cnggagcttg ccgctttgct gtttcaaagc cannacgn gnacctgcaa ncttactcct	120
anattattgc ggcgggaatc gcgcccttc cccctttctt catannagna gtgcttgga	180
tagtaaaaat tgnaaccttg agcagaaaaa aaaaa	215

<210> 1108

<211> 155

<212> DNA

<213> Mus musculus

<400> 1108

aactggcaga cttactgcta acggctctgg cggactagtg ctaacaatgt ggcaacaaaa	60
catcaagaag cctggcatgg caggggatgg gcttcccccc tttataagca cagactgcta	120
gtaaacattg agccttgaac agggaaaaaa aaaaa	155

<210> 1109

<211> 184

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(184)

<223> n = A,T,C or G

<400> 1109

aatacttaac tgcttnttag agcagacaag ctntgttcct gatgaatact ggcngtccct	60
cnnagttgca caccgcatgg tnttcacata tcctttatgg ttancttttc cactctgagt	120
gcgtcttcat cttanganct cagttcatag attatatntt ttcagnantt ctttgaataa	180
tttc	184

<210> 1110

<211> 162

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(162)

<223> n = A,T,C or G

<400> 1110

gagtggaaact gggcgactta ctgctaacgg ctctggcnnn ctaagngctt acaatgcggn	60
cacaaaaanca tacanggaag ccttggcatg gcaggggatg ggcttcccc ctttataagc	120
acagactgct ngtaaacatt gaaccttgaa cagggaaaaa ga	162

<210> 1111

<211> 160

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(160)
 <223> n = A,T,C or G

<400> 1111
 tagtggaaact ggcgacttac tgctaacgnc tctggcngac nancgctaac annagaggcaa 60
 caaaacatca anaagcctgg catggcaggg gatgggcttc cccctttat aagcacagac 120
 tgctagtaaa cattgagcct tgaacaggga aaaaaaaaaa 160

<210> 1112
 <211> 166
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(166)
 <223> n = A,T,C or G

<400> 1112
 cctgaataaa ctgccagcct ggcancctgg aatgactcca ngcaccaaga gtngaactgg 60
 ctganttact gctaacaggg gtntgnngna ctatttgcta acaatngcgc gcaacaaaac 120
 atnaataanc ctggcntggc aggggatggg cttccccctt ttataa 166

<210> 1113
 <211> 145
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(145)
 <223> n = A,T,C or G

<400> 1113
 gaggggtgggg ggggggtngg gggantggag ggtnaaagga ancccaggag gcctaagatt 60
 nacangccca catnttccan actgnccttn tcattttcag tgccattgtg gcaggaccac 120
 aacaatgctc atagtggcac acagg 145

<210> 1114
 <211> 139
 <212> DNA
 <213> Mus musculus

<400> 1114
 cctgttcttg ccaccctgag aaagtgtgct gagaaccagg aagaaaacaa gagctgggtg 60
 taacagcact tgggacgcag tgagttccag gctagcctga tctacataga gaaagcctac 120
 caagagaaga aagaaaaa 139

<210> 1115
 <211> 523
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(523)

<223> n = A,T,C or G

<400> 1115

gactgaggtt	cttcaagttc	nacttcgact	ggagatgtca	caaggtcgtc	atgcctctga	60
agactctatg	tgtggatctg	tanccaaaca	atggattngc	agnttgctga	gtggaaagtc	120
aacacaagca	caaccaaggc	gcacaaaagg	aagatgcatt	gcatgcgacg	agaaaggagt	180
tccaggagtt	atttccaaag	caatgtggct	actcaatcaa	agcaagaatc	aaagtatctt	240
tcgggaaatg	tacctgggtt	cttatagtac	tgaagttctt	atatgaaaac	atagtaggaa	300
gggacatatt	cctagaatac	tcagttttta	aggttatagt	tgcaagagat	gtaaaatatg	360
cttcttttct	atcaaattgt	ataaagcttg	tgtttgggac	agggaattca	aatattttac	420
ctccccctacc	ttgaatactt	ttatacaaat	attataatnc	ccacacgant	acccannaaa	480
aaccctttgt	ttacacaaag	gnccccntgc	tattattcca	gga		523

<210> 1116

<211> 139

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(139)

<223> n = A,T,C or G

<400> 1116

tggcgactta	ctgctaacgg	ctntggcggn	ctagngctaa	cantgnggcn	acanaacatc	60
aagaagcctg	gcatgggnagg	ggatgggctt	ncccccttta	taagcacaga	ctgctagtaa	120
acattgagcc	ttgaacagg					139

<210> 1117

<211> 178

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(178)

<223> n = A,T,C or G

<400> 1117

tatgactcca	ggcaccaaga	gtgnaactgg	cgacttactg	ctaacggctc	tggcggacta	60
gtgctaacaa	tgtggcaaca	aaacatcaag	aagcctggca	tggcagggga	tgggcttccc	120
ccctttataa	gcacagactg	ctagtaaaca	ttgagccttg	aacagggaaa	aaaaaaaa	178

<210> 1118

<211> 156

<212> DNA

<213> Mus musculus

<400> 1118

aactggcgac	ttactgctaa	cggctctggc	ggactagtgc	taacaatgtg	gcaacaaaac	60
atcaagaagc	ctggcatggc	aggggatggg	cttccccctt	ttataagcac	agactgctag	120
taaacattga	gccttgaaca	gggaaaaaga	agaaaa			156

<210> 1119

<211> 256

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(256)

<223> n = A,T,C or G

<400> 1119

gactgaggga gttctcttttc cttatttnc	cttactgtgt ggactgagga gtnggntgtg	60
gaacanagca tggagccan ggaccangag	gagataagac cgncnataaa aagcttcctg	120
atgaacacca cgccaaggaa gaaagatgcc	ttccaagatc actgggggtct ncaggggcca	180
ggttttgacc ctaaaaaaat tcctgtaaca	atnttatgcc atnaaanttt attttgtana	240
tgcatTTTTT tcccct		256

<210> 1120

<211> 232

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(232)

<223> n = A,T,C or G

<400> 1120

tgcttcacac ccagccncat atacttcata	ntcncnatgg cctnngnggc gcacctctgg	60
nganccctca ctttgctgct gtaccattct	ctcttgaacc cagacagagc tgcgtgaagg	120
aaaatgcacc acagacttcc ttcagaaaca	atgntnctc angntntggg cacancanct	180
aagacctann cttgtangcc ttattaaaaat	gtgattcctg tggcggctat aa	232

<210> 1121

<211> 298

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(298)

<223> n = A,T,C or G

<400> 1121

tccatacttt aaagaccagg ctctgttttc	cgtgcttggt acctctgacc tggaccagna	60
tctgaggcgg gaagctctgn ctgtctatgt	ttttgatgan gaanaccag agcctggctc	120
ctatcttggc cgagcccagg tgcccttgct	gcctcttgca caaaacaaat ctatcanagg	180
tggggcgntt gcacccccct ggccctcttc	ctgcatcatc tctctgacct taccaacttt	240
tctttgttna ctngcttgga acagncattc	cttcnagtaa aaatattatt atgcatta	298

<210> 1122

<211> 149

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(149)

<223> n = A,T,C or G

<400> 1122
gactgaggtt gactgactta tgtgcgcttt ggcagcctgg agttttcttg cctcttgccg 60
acgggagcag agcctctgct ggtgttggga aaagcaggcc gaatgaggca gagaagntna 120
ccactgtctg naaagcctac atagagcag 149

<210> 1123
<211> 460
<212> DNA
<213> Mus musculus

<400> 1123
gactgaggct tectggatct caatagtgcc agctctgttg ttcttcaggt cctaacacag 60
gccaccagtc aggatactgc tgtgttgaag ccagccgagg agcaactgaa acagtgggag 120
acacagccag gtttctattc agtgttgctg aatattttta cgaatcacac ccttgatata 180
aatgtacggg ggcttgctgt gctgtatttt aaacatggga ttgatcgtta ctggagggcg 240
ttcgcacccg agtcaagcct gaatttaaga gcagattcat tgtgaagatt tgctatatgg 300
actgattgtg tgcacagtgc atctgtgaag taggccacat ggccttcctt tcgttgccagg 360
acctgggtgcc ttcttctaca gccaacactt ttgtttccgt tttctgtgtt gaagatTTTT 420
caaaattaaa ttcacatggt gttactattt tgtaaagaca 460

<210> 1124
<211> 498
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(498)
<223> n = A,T,C or G

<400> 1124
actgccagcg agagaaccga gtgcntntca tnanccanta gccnatnncac acctaccnac 60
ctggnnactgn ttaaagngnn ntngctnnnn agagnngntn tgancnncac gactatgnng 120
natnngatna ncntatncac ccgncncann annatatac angagntgct tgnnngctca 180
cagcccacac ctctgtgtta cacagtccag tttaaagggt cctcttctcg cctttctttg 240
tctgcttttg agcagcgtga cgactgctc tctgtagcta aggaaggtct tctgctcctt 300
tctgactcag aacagcagag aaggctggag ggaggtctgc tgtgtcacca accacaaggt 360
ggtgacccaa gagtgcacat cagcattccc aggggaacca aaagactgcc tgggccaag 420
gagtaagaaa tgcccgtatt gtatccacgt gtttccctag aaacctgac ggggaggttt 480
gcaaagcaag tctacaga 498

<210> 1125
<211> 174
<212> DNA
<213> Mus musculus

<400> 1125
gactgaggaa cctttaaaag taggaccagc aaggatgact cggatctcgt tatgtggctc 60
tggaactcac agagatctgc ctctctctgc ctcttgaatg ctggttaaag gtaccatacc 120
actgtgcctg acctcataat aataaatgta gtgggtgagt ctgaaaaaaa aaaa 174

<210> 1126
<211> 348
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(348)
 <223> n = A,T,C or G

<400> 1126
 gccgtcggag tttctgganc cctgangctg tccttgaggc tgcntttaca gaacgagtg 60
 nnatgagatg angntagcnn aggctgagga gagtcaggtc cantgcaang nnactcannn 120
 cttgatgnat ggtgccanna aaaagctaata agtnactccn gagagtatga ngactctcag 180
 ggaacatagn gnaantanan ggtnggggag ttgttaaagt gannacaacc agaatectta 240
 nctgngcacg cgactacaat cccaattctt gggaggctga ggcaggggga tcaagagttc 300
 aaggctggca tggggcacac agtgagaacc tgccacaaaa aaataaga 348

<210> 1127
 <211> 128
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(128)
 <223> n = A,T,C or G

<400> 1127
 cccctact tagctaanca nacctatgnc ataaaaangt aattnaaacc aagaaaaata 60
 aatttaacac gntggctttt gatgtccaca tttgagttga ggtgtgancc cccctgctta 120
 gctaaaca 128

<210> 1128
 <211> 105
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(105)
 <223> n = A,T,C or G

<400> 1128
 gactgaggaa gcaggctgag ggctgaggga ggcaaagggg agatatgaat gtgttccgaa 60
 ggttnccgg tggctcatgg natcctcaa aggcctgtct gcgat 105

<210> 1129
 <211> 122
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(122)
 <223> n = A,T,C or G

<400> 1129
 agactgagaa agtagatgta agctctcagc cacaggatcc tgagccatgc ctgcctgcct 60
 gctgccatgt ctactcacc tctgtaagcc nnaataaac tctttcttct ataaaaaaaa 120
 aa 122

```

<210> 1130
<211> 135
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(135)
<223> n = A,T,C or G

<400> 1130
gctccacatc tccctaccac gacctgcgac gtnctttacn ntcaaaggac nnacaggngg      60
cnnggctggn tccntatata tactgcctcg aatcgatgaa ttcgagctcg gtacccgggg      120
atcgaaaaaa aaaaaa                                           135

<210> 1131
<211> 203
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(203)
<223> n = A,T,C or G

<400> 1131
tgcagctact gactatgcgc acagggganc tgtctctgnt cactctttct caatattcac      60
tntagttact gtgcctgctn ttgaaatga ggtcatctct gnagnctttg ctgtcctgna      120
actcagtctg tagaccangc tggcctnaaa ctcacagaga tcccctcgcc tctacctcct      180
gagtgcctggg aataaaaaaa caa                                           203

<210> 1132
<211> 290
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(290)
<223> n = A,T,C or G

<400> 1132
agatacaatt ttgacangtg gnggtggccc acgccttttag ncccagcact tgnagggcag      60
aggcagggtgg atttctgagt tcgaggccag cctannttac ccagtgagtt ccaggacagc      120
cagggctgca cagagaaacc ctgtatcgaa aaccacant nnnaccatna atnaatggan      180
tgctgtccag gaacngaaac attcantggn agagccggac ttacccttat ccngggaacc      240
cctatcactc ancgcttntc ccacagtgcg tgctattatg atgccaatca      290

<210> 1133
<211> 229
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(229)

```

<223> n = A,T,C or G

<400> 1133

agactgaggc	tgacaggggc	cncaggacct	gcgcaggctn	ggaacgcatg	ctaccacnga	60
gcacatgcc	gccctccctn	gactntnatt	tncttttgta	atatatatg	tatacaaaaag	120
tacaactagc	agatgatgag	ggganntncc	naagangcct	ggnggngagg	ancggnccctg	180
ggccgcttgg	ntagccncag	acgggcggtg	gcttccagca	ctagcacac		229

<210> 1134

<211> 398

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(398)

<223> n = A,T,C or G

<400> 1134

agggacgcta	atggcattct	ccagatgtgg	tctcaggagg	nacngcactg	nagtngngaag	60
ctggttgtag	cttggattgc	atctacctgc	ctttgnactt	ganatataga	cnccaagcta	120
nggcttcctg	ctaactctga	aagatgaatg	tgattggtgc	atcaagtcag	tcggaaacaa	180
acatncgggt	acctcagata	aggactcaag	aatgattctt	acacaagtcc	agatcatgag	240
ctggtgagtg	tggtgggggt	gcctacagga	gcanggggtga	ctgacagctg	agnccactgna	300
tagccccgtc	cntcatgga	cagggtntct	ntgcgtancc	ttgnctgann	tggaactcac	360
tctgtntcta	caggctgacc	tcgaactcac	agaaatca			398

<210> 1135

<211> 169

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(169)

<223> n = A,T,C or G

<400> 1135

tgctccattc	ctcatgacgg	agtnagaggn	acaaagagag	ccnattctaa	tgatnnctnt	60
gaagacatgg	aagccagacg	aggatgagtt	tgaagatgaa	acaagacctg	ccannngaag	120
tacnatctac	tagnaagcna	catgaagcca	cggatatacaa	cctgaattt		169

<210> 1136

<211> 259

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(259)

<223> n = A,T,C or G

<400> 1136

acacaatttt	tacagaantc	tttnagngtc	accttattga	cactcaggag	cacacagggtg	60
atcaccatga	gcttaacatg	tgcatgatgac	atgatgncca	agggctgatg	gctgtggtca	120
ggaacaggct	gtctccactt	cttgggtctgg	ncttcacact	cttttaacct	gggtaatgtc	180

tctccccaga ccncttcatt ctatggtgna gttacaatca cccttcagac ttttcttata 240
ctaaataggg aaaaattgg 259

<210> 1137
<211> 259
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(259)
<223> n = A,T,C or G

<400> 1137
gactgagaac ttgacttgnc ctgttccttc tgacctgtcc tcggatggct ccacagatgc 60
tggacagcaa ggaaagagcc aacgctccta agactggaca aacatcctca caccactcc 120
tctaggttcc ccagagacgt cgccccaacg tcagcatgaa gcagccagat accatgatga 180
gcctactgct cttttgccat caccttttct aattttttct ttttttttaa actaaaccaa 240
aatggggggaa aaaaaaaaaa 259

<210> 1138
<211> 117
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(117)
<223> n = A,T,C or G

<400> 1138
agcatactca gtcctgctga ancaagcaac agaaccagn cgganacaaa gggatgggtc 60
cttgggtttt cacacattta ttgagagctg tacattaaac attgagcctt gatcaga 117

<210> 1139
<211> 309
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(309)
<223> n = A,T,C or G

<400> 1139
atcatctttg ggaacatgct ntaaacacnn tnnacacntg ccttccttgn acgaaccnnt 60
aannggnaag ctgagcatca ccaacctccg agcgggcaag agagaagaga gaaaggacac 120
ttgggtgtgg tccggcatca tgcttttgca tcgagagctg gggcctgggt ggacaatanc 180
cccccccctg gcttccccag gctttncac caccaagggt ttctgctgga gnngggagat 240
tcccttaaan aggggngncc ggncttnttt ttctccaacc ccccatattg tttaacctta 300
atctttgcc 309

<210> 1140
<211> 147
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(147)
 <223> n = A,T,C or G

 <400> 1140
 actgagagat ggcattccct gtggntttgc tggataactg cacancnat actatnaaag 60
 acaatgtctn agggttacac tgngcagnct atggtagngg ngaccctgaa cntccaaaga 120
 gctantctan tctcaacatt ccgatga 147

<210> 1141
 <211> 195
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(195)
 <223> n = A,T,C or G

<400> 1141
 ctactctccc cctaacttga ccatcngaatt gcattacctc ttccttcaaa ctccggatttt 60
 tatttctaag aggnaaancn ttatgttagg ggaaaggcag ggtggctttc canatntgca 120
 tttntatatt aaaattacng tgangattcg ggacncataa aaataaancn ggccttgggc 180
 cctgggcgct ctgct 195

<210> 1142
 <211> 109
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(109)
 <223> n = A,T,C or G

<400> 1142
 agctggtata cattcagcan ntttgcctc ccaaggactc tncatgttc cttgttcctg 60
 tntccnctac ggtgcttgng anggcaggag aatgggcctc cctcacggt 109

<210> 1143
 <211> 444
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(444)
 <223> n = A,T,C or G

<400> 1143
 gaactgagag gatcacagat gcacaagcat ggcnggagaa gcagcntggt taacntgann 60
 gatgctgctg gccgnngcac agaggtggga tncctntggn anggccnnnc tcgtnatcca 120
 cctgtgnact agatttgagt annagcacan tctgaagagg atatttggac acagtaccag 180
 tntgataacn gaggaactct agcgaccntt tacttcngga cacngcacgc tnatcnnatt 240
 cttcatngcc ctcanaggga ccctgatnaa gtngactnan aaagacagnt ctgaacctcc 300

```

acntaagagg cttttgttta tcctctgagg atnatcaaag cnttgangac gctaccgcca 360
tgcatatcag tccgtggcac tcccaccgta ngctctgttaa ngganttgga ctttttagctt 420
tgcaaaagaag ccatttgggg attt 444

```

```

<210> 1144
<211> 243
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(243)
<223> n = A,T,C or G

```

```

<400> 1144
ggaagtggac gtgggcactt acgaggaaac naatcanatn tgccaaccgt gtnggcacac 60
atcgttcagt tcatcaaagt tctagggagg cggaggccgg tgaatctcca tgaattcaag 120
gccaagcgtg gtctacataa ggagttccag gccagccaag gctacatagt ggagaaccca 180
tcttaaaaca aacacaaaac aaagggggca attatttatt attaaaagt tcaaaaaaaaa 240
aaa 243

```

```

<210> 1145
<211> 205
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(205)
<223> n = A,T,C or G

```

```

<400> 1145
actgagaagg atgacgcggc atggcaagna ctgctgcgca ntngnggcta ctttgtgctg 60
tntanagact gnctcagaat aagagaaaca atnatntaca ttcagagtcc ttaaatctgg 120
atgcctctt nnggagtagt natgaagaca gcnacagtga acttacatta aataaataaa 180
tcttaagaat aaaatgtcca tagac 205

```

```

<210> 1146
<211> 190
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(190)
<223> n = A,T,C or G

```

```

<400> 1146
catcaaagca caaaattaaa gcagcaaagg canaggagca gaacanaann ggaagcgtaa 60
ccgcnntgng tganatcnag agngaagatg gagatgnaga gatnttactg aaaagtggga 120
aggagaaacc acaaaacana tatngaanaac ttacaaatta aanaagtaca gaatgaaaga 180
aaaaggctgg 190

```

```

<210> 1147
<211> 119
<212> DNA

```

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(119)

<223> n = A,T,C or G

<400> 1147

gtaaaatcaa	gccaaattaa	agcagcaagg	acaaaggagc	agagaagaaa	aagangcnta	60
ncngtantga	gtgagancaa	gaaagaaaat	ggagatgtac	agattttact	gaaaagtgg	119

<210> 1148

<211> 248

<212> DNA

<213> Mus musculus

<400> 1148

aaatggattg	ctgatgtatc	cgtgaagtgg	atggagctgc	ctctgctgac	ctgtgaactg	60
aactgctgat	ttccagacaa	cacagatggg	agttgctcca	aagagccttt	cgaacacaggt	120
tcacttcccc	ccatatacctt	tctttccac	tacctctggt	gggtggtggg	ctaaaaggga	180
tgttaaagtg	tttaagaacc	atcattaaaa	ataagttttg	agggctggag	agatacccca	240
gcagttaa						248

<210> 1149

<211> 199

<212> DNA

<213> Mus musculus

<400> 1149

gactgaggca	tggtctgagct	gctacaaagg	ggagagtccc	aaagttcagg	attgtgaact	60
gcatgtgaag	cactgggatg	gccaggagcc	gagtatgcag	caggaattgt	tcatcagcac	120
atcataccaa	agcttgaaga	tcactcttac	aagacaccac	tcaagtgaat	aaagtggcct	180
ttcattccaa	aaaaaaaa					199

<210> 1150

<211> 188

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(188)

<223> n = A,T,C or G

<400> 1150

gactgagata	ctatcannga	cttaattaaa	ggagaaagac	aaagagagag	agaaaaagaa	60
gcatanntta	tgatnggaca	ccnagaaaga	aaatggngat	gtaaagattt	tactgnaaag	120
ngggaaaggng	aaacccaaaa	cnaatatnga	agacttacna	attaaaaaag	tnaagaagag	180
aaaaaaaa						188

<210> 1151

<211> 117

<212> DNA

<213> Mus musculus

<220>

```

<221> misc_feature
<222> (1)...(117)
<223> n = A,T,C or G

<400> 1151
aggccttgac tcccttgtgt gngaccnnga gggaacgana nannatagat nccgntgata      60
cacttgcccn natcccttag aggggtcaaaa tgggtcccga tgagaacctg agtgtga      117

<210> 1152
<211> 134
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(134)
<223> n = A,T,C or G

<400> 1152
ttaatgcttt atttaccctg tacgacaccc naattttattc tttnttggng cnggggtatta      60
aatgcganca aaagtagaan tntgccttcc ggattttggg tttnanaccc ccccccatg      120
aaaaattaaa agat      134

<210> 1153
<211> 157
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(157)
<223> n = A,T,C or G

<400> 1153
tgctggaagg tggggncaca tgcacttagg attcgagagc gatngtcctg caatggggcca      60
cattagaaag gtggncctgc tcanaaaaag angtttggnn gagggagact caccagggcc      120
ancaggggac tngttaggga cttttaccca ggaagca      157

<210> 1154
<211> 397
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(397)
<223> n = A,T,C or G

<400> 1154
tctttctttg cttgttgtag tggacaccaa agcaggcacc aaagggttaa naaaggaacg      60
tcantagngg ggggatgant atagaaagca tcagtggntg ctctcatca catgtctatc      120
cctgcttcag agagagagat gtngnncanac tggcngggtg gctgctagga gaagganact      180
gnccnccang cttcactctc cttgtccact gtgccccac cacccttg agnnggggct      240
gnaacgggtg agctccttga agtccctga aaagaacact actcagcttc taaaagcatg      300
actgccgtnc tngntgtnga ccggncccag ggtgncagan tcaaganccc ccattgggaa      360
caaagcttgg ctngnacgcc ncctcaaagg cccaagg      397

```

<210> 1155
 <211> 191
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(191)
 <223> n = A,T,C or G

<400> 1155
 catatgtagt ctttctcccc cagcctgana cctgnttgct cggngnggan cttccngetn 60
 attcgttcta cngcgcacca ctgctggaac ctgaggagcc acacactgtn cacctttcta 120
 ctggaccann anattattcn ggcgggaatc ggntnccct ccccttcct tnataactag 180
 ggtccggaac a 191

<210> 1156
 <211> 160
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(160)
 <223> n = A,T,C or G

<400> 1156
 agccattttg gagatggcnt tgtcatggga cgactgccaan ggncagnngc cataganggg 60
 agcaatccag aggtcantnn tnntgcatgg cctcagttcc tgnctccaga tttcttgct 120
 ngagngcnta ccttgacttc catggatgat gaactacagc 160

<210> 1157
 <211> 203
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(203)
 <223> n = A,T,C or G

<400> 1157
 gactgaggtg gggctcttnc ccgntgcag ttgaaatcgg aggcagagag tgttttctgg 60
 gttcgcgttc tgcacggcct ggatctgaac ggaggctgct gcaccttcgg ggctaggagt 120
 ttgggaaaat tcaaggagag agactcaatg catcttcagc aggagccctt cagatggctg 180
 tgtggtgaac aggaaaaaa aaa 203

<210> 1158
 <211> 275
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(275)
 <223> n = A,T,C or G

<400> 1158
actgaggttc cagaagtcgc tcaanangct gtttccctat aaggtgctga aagctctgga 60
tccagaaatc tatcaaatg tggaatttga tgctttgggt gnacagtaca aaaaggtatt 120
angtatcagc agngatcccc ttggaatgct tgatcgaata cagggangat aattttggca 180
aggttatatt ctaataagga tatggtttca tncaactaa ngaagttgta aagacatgga 240
anattacata atttcggncc tgttcaaaaa aaaaa 275

<210> 1159
<211> 228
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(228)
<223> n = A,T,C or G

<400> 1159
ttctctgtgt agatctggct gtcctataan tnncagatnc ncctacctct gattcaaagg 60
actaggatna natgcccggg taaagaagat nctccagggc tggagagatg gctcagtggt 120
tcagatcaca gactgctcgt ccagaggnc tggagtgant tcccagcatc cactaagggtg 180
gtcacaaca cctcttntgg nggtgtctaaa gacagcaaca gtgtattc 228

<210> 1160
<211> 123
<212> DNA
<213> Mus musculus

<400> 1160
gactgaggtt acgggaagtt tcaggagagc tgaacaagta caatttgaac agccccacc 60
tctgaatgta ctggagcagg ctactattaa acagtgggtg tgggtggggac ccaaaaaaaaa 120
aaa 123

<210> 1161
<211> 234
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(234)
<223> n = A,T,C or G

<400> 1161
accattgagg tctcaaagag cccaaggaac tgcagtggcc tcttcannag cccggaaggg 60
catgatgctg ctcttgatg gctcgggtg gcggaagag catgtcagag ctaggcncct 120
gacttgacc tagcctggnc tccccaatg ganccagnga acttcccacn cataagagaa 180
acaacggtnt tttaaantnt natnctgtc nccttgcgcc aagccaggtg gggg 234

<210> 1162
<211> 425
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

<222> (1)...(425)
 <223> n = A,T,C or G

<400> 1162
 gactgagccc tagggaaaaa gcagtcatat actgccatgc tttcttcaac gccagtgtgc 60
 tattttctgaa ggcctacacc gtggattaac aagatcccta aatggaccca aaagaaaacc 120
 gcactagacc agaaaccag tgtgtggacg ctctggagga gaattggcag gaaacctcgg 180
 ggagagcctc tcgccaccgg gagcctccgc ccgtgtttcc ttagctcccg cctcaacaag 240
 cccattggcg gtccggcggt tgctagcttc ctccgcaact agggcgggcc ggaacttttg 300
 tctgccgaa ccggtgtacg ccgctcagtg ttgtcgaccg gcgtcaaggc gacgaggggtg 360
 ctgttctctt cctccggctg ccggtggctgt ggagttcanc ccagccagtc tgggtaggag 420
 cacag 425

<210> 1163
 <211> 193
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(193)
 <223> n = A,T,C or G

<400> 1163
 cttggctgtg gaggaaaata aaaactgagc aggaggtggt ggagggantg gatattctcta 60
 ctcgctccaa agaactctgg tctctnanga gaaaaacggc cccgaaacgg gaagttnccc 120
 cagccctccc atttccctncc aatgggccat tcgccccang gactcatncc angagccccc 180
 attaaaaaaaa aaa 193

<210> 1164
 <211> 224
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(224)
 <223> n = A,T,C or G

<400> 1164
 gactgaggtg agtgtgaccg tcgcacacta cgtgcagctt tacaaccccg gcaaagcaat 60
 aaggaaaaca gcaggctcca ggatgtagcc cttatgaggt aatcaatcat tacaggagcg 120
 actcagtgga cttaccanca cngagctatt attctggaag taganctggn gatgagggca 180
 catgacgttn ctgttggnnc ggatgctnng agaggacacg ccca 224

<210> 1165
 <211> 125
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(125)
 <223> n = A,T,C or G

<400> 1165

aggagatgaa ggaagtnntg gaggaggcac anaatgnntg atangcncct nccatggnaa	60
cgctnagaan gangaaaatg gggagcagga ggctgccttg aggtagatga agaagaggaa	120
gaagg	125

<210> 1166
 <211> 524
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(524)
 <223> n = A,T,C or G

<400> 1166	
actgaaaaag atgaaaagga atatgcactt aagcaaactg aaggcacagg aatatctatg	60
tcggcttgta gagagattgc acaaccacag tgcattgttct caaggggtgag caggaccaca	120
tcctgctaca ttcatgcacg agggccttgc ccagccatcg tcanagacac ttcttccttc	180
agtaaatggg aaacagagac cataagtga cagngtgcan agngggagac cttggaacac	240
tctactaaat gggatgtctt catcatcccc tccccctcatg gctcagggga tccttcaaag	300
caggcnaaaa gagtgttaana gccagagggg atggagacca ccaaagaaac aagggttnt	360
aaacacagaa cgactgaagc actcatgaac tcacagagac tggcagcatg caccgggctt	420
gcacaggtct gggctctgatg ggatcccagt gctgggaaaa gaaagtggac ccccccatc	480
ccaatccaaa aantatttcc anaanaaact ggttccttaa aagg	524

<210> 1167
 <211> 174
 <212> DNA
 <213> Mus musculus

<400> 1167	
tcatcatggg acgactgcca aggacagcag ccatagagag gagcaatcca gtgagcaata	60
ctcctccatt ggcctcagtt cctgcctcca gatttctgcc ttgagttcct accctgactt	120
ccctggatga tgaactacaa agttgtaaga taaaataaaa ccctttcttt ccca	174

<210> 1168
 <211> 270
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(270)
 <223> n = A,T,C or G

<400> 1168	
gaactgagat tgctgccagg ctatgggtgt cccaggnnct gacaggacca cacctgtgct	60
gnntttaana aacttgctgg gggctggcag agatggctca gtgngntaag ancatcanct	120
gcttttcctg anggtcccgga gttcaaactc cagcaaccac atgggtggcct cacaaccac	180
ccgtaaaaga aatctgatgc cttcttcttg aagatctgag gacagctaca gtgtacttac	240
atataataaa taaatcttta aaaaaaaaaa	270

<210> 1169
 <211> 276
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(276)
 <223> n = A,T,C or G

<400> 1169
 gactgagggt ctccanggag ngctcattgg ccagggcana ctgcatagta canntcnna 60
 tgaacnatgn cccnctgacn gggggcngna gaatnccaat ggcaagactg cntcgaggag 120
 gccggangat aaggaggctg ncgagatctg aatctggctc aggcgctgta aatagtctga 180
 caaatgttcg gcaccgcta aattaccctt tatatttgct gatacaactc atcttttgta 240
 gttaaaatct ctattgtttg gtcctaataa aaaaaa 276

<210> 1170
 <211> 480
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(480)
 <223> n = A,T,C or G

<400> 1170
 cccacatgtg atgccgctgg ccngactcaa cangaaagca agcananaat tgccancgct 60
 acaacaaagc acaacagcaa agccaggcat tgcttgctaa tgcttctgac atcagcactc 120
 aggaagctgg ggcaaagacg gccacttcaa gaccagccta gacttccttc acaggtttcc 180
 caaaggaaacg accatcacat gtaaataaac actgcagtaa agcaaacacgg aggaccaccc 240
 agctctgtgc tcagaagagg atgcagcata cgaccagaca cttggtatag aaatgattcc 300
 gggctggtga gatggctcag tgggtaagag caccgcactg ctcttccgaa ggtctggagt 360
 tcaaattcca gcaaccacat ggtggctcac aaccatccgt aacgagattt ggcaccctct 420
 tctggagtgn ctgaagacag ctacagngta cttacatata ataaataaat aaatcttaaa 480

<210> 1171
 <211> 201
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(201)
 <223> n = A,T,C or G

<400> 1171
 accgggtgac aagccctcat cctcngcat atncaattct cgtctnttct ggtacttttc 60
 cgnactcnna atcttnganc tcaactggggg agtngccgcc aatctgggaa gaagtgggta 120
 gtgaaantca ncaggaccct ggcccggctt gaaggctttc tgagaaggga anggctggcc 180
 gctaaggggg gaaggggaat t 201

<210> 1172
 <211> 235
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(235)

<223> n = A,T,C or G

<400> 1172

gcccagaggt aagcctccca gtttnagaga cttnaggnat ttttnagatg gcntcatcat	60
gggacgactg ccagggacag cngccataga gaggagcaat ccagnggagc aatnctnctn	120
catggcctca gttcctgcct ccagatttct gccttgagtt cctaccctga cttccctgga	180
tgatgaacta caagttgtaa gataaaaataa ccccttttct tcccaaaaaa aaaaa	235

<210> 1173

<211> 230

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(230)

<223> n = A,T,C or G

<400> 1173

accctccaa cccacttcac acagggttgg gaaccggcca agggcagcaa gagaactgaa	60
agctgggtng accagccctg agcccaactt cctncccttg gttntatggg tcaccactcc	120
cttgcttacc ggtngagctt tnttcccaac cggggttttt tgncccccatt ttttgaagga	180
ttccgcttgg gaaacagggc caaagngccc ccttttaagg cttcccaaaa	230

<210> 1174

<211> 231

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(231)

<223> n = A,T,C or G

<400> 1174

atgaggttat ggtggaactg gcatgagaat gggaagaaag cantggtcaa caaagatgac	60
attcanaaga tgaaccaccc aaagttctcc aaggtggang atatggcaga gctgacatgc	120
ttgaacgang cctntgtctt acataatng aaaggaccgc tactattcag gacttatctn	180
tgctactct ggnctnact ntgtgngnnn gacangccta caagaaacct c	231

<210> 1175

<211> 435

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(435)

<223> n = A,T,C or G

<400> 1175

cagaaagatt gtaagagcca naggacccag aanatgtgtg tgcagagatt gtgtcttcta	60
gaaatgatgg ggactgcttc acccatgtta cccaaacagt atggtttgct taaacaagac	120
ccgaacanna acatcaccaa cagacatgcc aatatggaaa ggaaatcccc tggagtcctt	180
aagaactaca gtcggcctcg gaatgttggg agtgggagga gtcttgtgtc tcaccaggg	240
atgagcctgc taacggttta tccaatacca agtgctcagc tctaaagtca aacatacaaa	300

caatagtctc	ttatatgtct	tnangngnct	ctcttatgtt	attccaagct	tattgtaggt	360
aactacacaa	agcaattcta	ctgacttata	tagngattgg	gtttccaagg	tcacagaaca	420
taacataata	tgtaa					435

<210> 1176
 <211> 215
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(215)
 <223> n = A,T,C or G

<400> 1176						
acacacttgg	cacctttgta	ctaggaccan	catattattg	anganggna	cggnccct	60
ccnncttct	tcataactnn	ggggagcaac	antaacttca	tgagccttga	tcactagcct	120
nacaaattta	ntgncngag	nngntaccct	gacttccttg	gatgatgaac	tacaagttgt	180
aagatnaaat	aancccttcc	tttcccaaaa	aaaaa			215

<210> 1177
 <211> 102
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(102)
 <223> n = A,T,C or G

<400> 1177						
cagctacctc	cccttactgc	ccangtccan	ccnggcccaa	caagatcaaa	gttgtgtgcc	60
agatgccag	agcccanttt	nagagacttc	atcattctgc	ag		102

<210> 1178
 <211> 178
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(178)
 <223> n = A,T,C or G

<400> 1178						
actgaggtgc	ctccgtctac	tgtggagncc	tggnataaca	aggcattgat	gtgcgntcc	60
tccagaacag	agcaggccgn	ggangganta	taatgccttg	gtttgcccaa	gggggtcaag	120
ggtaggagg	gtgtcttcca	ttttccacct	tgctnatngg	cgccctacag	aggaaaaa	178

<210> 1179
 <211> 190
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(190)
 <223> n = A,T,C or G

<400> 1179
 aatgacttaa attttantna cacatttctt ctggaatttc gngntggatt aagaatccca 60
 gnngtinctca caaatctgcc tgtctctgcc agccaagagc tgggattaag ggtgtatgcc 120
 atcacgccct gectaggnac gagtnttaat aaataatgca atgttacccc atattaaata 180
 ctctttaaca 190

<210> 1180
 <211> 143
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(143)
 <223> n = A,T,C or G

<400> 1180
 tgagagaccc ctgcgccatg agaagcgaag tggcccaagt aagagantgc gcangetgaa 60
 ncgcatgana aganagatga gggggangtc caagtcagcc antcagtgcn cctacngacg 120
 cctgtnggag cagaagttag gga 143

<210> 1181
 <211> 261
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(261)
 <223> n = A,T,C or G

<400> 1181
 actgcccttt gggattcaaa cgggcagccg ctttggactg actggctgcc ttcctcctcc 60
 tccccctcct ccccttctg cttcagattt atttattata tgtaagtaca ctgtagcagt 120
 tgtaggacac actagacgag ggcaccagat ctcatgtggt gtggntgnga ccccccaann 180
 cnnnggacct gnccagngnc actntgaagc ctaanaatac tgtctacgng gtgagcaagc 240
 atctggcatc tgtccagaca t 261

<210> 1182
 <211> 404
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(404)
 <223> n = A,T,C or G

<400> 1182
 actgaggaca gcttaagacg ctccaggact tcttccaaac aaggactacg gtcnctgct 60
 taccacacag catcttcacg cactttcacg tggttcccat ggacagcgta aagcaaaggt 120
 gtccctccgg ttctgcagga ggaaaattgt cttgtcgcca acattttttc agtgagcaat 180
 aggtcaatca aatggcttgc tacgggacct ggnccgtgta aactagctta aaaccaatat 240

tnatattgng	ngggaaaacc	ttttttaaac	ccacaggaaa	gaaactggga	ttcattgaca	300
ctaactttgt	tcatcctaaa	ataaagtact	ttttttttct	ccnaatggc	ttnaataaaa	360
gggttttatt	tcccccaaaa	aaaggantaa	aatccctata	aatt		404

<210> 1183
 <211> 118
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(118)
 <223> n = A,T,C or G

<400> 1183	
gaggaagag	agcagacntc
tgactccggg	gtgctnatct
ggngtggaag	agatcngggt
cttcctgact	ggcttcatgt
ccctcanggt	gtnaatantg
gcctcttcaa	gatattta
	60
	118

<210> 1184
 <211> 179
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(179)
 <223> n = A,T,C or G

<400> 1184	
gcctagtgc	tccctcattc
tncatgctnn	aaggcgatta
gggcatatga	nanacacagt
gtcccattgc	agtgattctc
acntcattac	attnttntgt
gatgctccgg	aactgtcacn
tgngcaacaa	gaananncgc
atnaacttta	cttncaattt
nacctaagag	gctcaaacg
	60
	120
	179

<210> 1185
 <211> 336
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(336)
 <223> n = A,T,C or G

<400> 1185	
gactgagacc	agaatcgcac
ttattcggtc	ttgtaattca
tcttgaaact	gtggaaaact
ccatcaaagg	tcacacccca
ccaatgattt	gattgatctt
tgaagtaagt	acactgtagc
tgtcttcaga	tgcaccagaa
gagggcatca	gattccatta
tgagtgggtg	tgagccacca
tgtggatgct	gggatttgaa
ctcaggacct	tcggaagaac
atnantgctc	ttacccactg
agccatctca	cctgccttgg
ttgggttttt	ttaatgtaga
aaatcccntg	cttgagagct
gcaaaatata	ctcagattca
gactgaaaaa	aaaaaa
	60
	120
	180
	240
	300
	336

<210> 1186
 <211> 344
 <212> DNA
 <213> Mus musculus

<400> 1186
actgagactg aacactgaaa cttctagaga aagcacagag gatacccttc aagataccgg 60
ggaatagaga acctttttaa tggaggacca accgcacagg aactagcccc aagcatcagc 120
acatggtcta caggaaagtc aagttttctgc tcagcaaagg aaacggtcag cagagcacag 180
gcggcccacg gcccgggaca tcattctgtac cagctacacc tcagacaaaag ggctgagttg 240
gcatccagaa tttaccaaga actgcagaaa ttaaatatca aggaaataaa attgccaatc 300
aataaaaagg caagtgaatt gaataaaciaa cttaaaaaaa acca 344

<210> 1187
<211> 300
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

<400> 1187
taagggactg agctacaggt gcaaganctg ggccttctat cctngangat cagnanangg 60
antcggagtc tcaagaatga ntttgcatac tcctacatag tgcataagat ttggttagnc 120
ccatacatc tgtncccagg gccagtttac agtttggnnt ggtttgctgn gaagncaagg 180
ggctcctacc ggattcaggg actcangtct cnatttccan gagactaggc agcaggggtcc 240
actatgcctt gantcctata ctgggggatt gaacccccaga gccttggggc aaaaaaagca 300

<210> 1188
<211> 223
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(223)
<223> n = A,T,C or G

<400> 1188
agaactgttg ccatacctcac gcagccctcc tccactacac caacatcatc ttctagctcc 60
ttncgaggng ttagnagttt caaagagcan gcctttccac agggaggcnt gcttcnactt 120
aggttcttac agcccagccc atgggtggatt aganatcctn ttaagcgtn gacttntaaa 180
angacctggg tctttttcag ngattcngag ttttaccata taa 223

<210> 1189
<211> 227
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(227)
<223> n = A,T,C or G

<400> 1189
aagcagtccc agcttcagag acttccgcnt tnttgngan ggnatcatca tgggacgact 60
gccatggacn gcaatacata gagaggagca ntccagttag caatactcct ccatacggcct 120
cagttcctgc ctccagattt ctgccttgag ttcctaccct gacttcctng gatgatgaac 180
tacaagttgt aagataaaat acaccctttc tttcccaaaa aaaaaaa 227

<210> 1190
 <211> 255
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(255)
 <223> n = A,T,C or G

<400> 1190
 aacagagtcg tccataganc antatcatcc aaacttaatg agcgataatn caccaagnag 60
 ggcnnctcac ccgaagagtt gcctagagtn cangtctgtc atctatgggg ancgtgctgc 120
 agtccatcct gcccatcatc agaancatg nccacactag gcattgacta tgcagagcca 180
 agctgtgcgg atgccgnaan acagntcnac atcctgggnt gactccccgn ggagggggcca 240
 tgcctcctga gttgg 255

<210> 1191
 <211> 176
 <212> DNA
 <213> Mus musculus

<400> 1191
 actgaggccg agagcgggtca gatcccttgg actggagtat aggcccctgc gatccacttg 60
 atgcagttgc tgggaattga acctgcgtgc tttggaagaa cagccagtgc ttgagcaact 120
 gccgagcctt cgacggggccc cttctcaatg aagtgccttt agattttaat ataaaa 176

<210> 1192
 <211> 144
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(144)
 <223> n = A,T,C or G

<400> 1192
 gactgagctg aagatgacct tggccttctg atcgcttctc ccagacagca gggatcacag 60
 gngtgcctta cctgtgaccc tcagctccgc ttatgtcgtg ctaaggatga agccaagggc 120
 tctgcagatg ctaggccagt actc 144

<210> 1193
 <211> 538
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(538)
 <223> n = A,T,C or G

<400> 1193
 gactgaggtc ttgttatgga atggtgacag cccccccctg gcctctgcac agggatactg 60
 tgatgatgga ctacagagaaa cccgtcgtag aagacacgga gcctgtggat catgctgaca 120
 gttggagcag gtcagcctca accccatgct ggaaccaacg gncaatggcc actgttcttc 180

ttccaaagna	ctgnggnggc	ttgcctgcgg	agtctccaga	caccnccatg	gaccncnca	240
ggaccnncca	egggatcttn	tgancctctg	ggagnngaac	acnnngtntg	ctncaatccn	300
nncnnngcgag	ggacctgaga	ctgcattaac	tanggaagca	nataacctgg	cctgatcagg	360
ggcacaagtn	cctttccggt	ccaccccagc	actnggggtg	cttccagcag	agtctttgga	420
caccacaag	gaccacaca	gaattcccca	caggatctta	anaccactgg	tgagtggaa	480
acagcgactg	ctccaatcca	atcatgctgg	acctgagatt	tnattaacta	gggaagca	538

<210> 1194
 <211> 288
 <212> DNA
 <213> Mus musculus

aactgagggt	ggagggttagc	acggagtggt	tctcaatcat	tttccacctt	acatttttaag	60
acatggtgtg	tcactgaacc	tggaactcac	caactctgct	agactgggta	ggtagccagc	120
aatccctagg	gacctcctag	ctctcagctt	gtccaggatt	tcgattacat	gcattgtatca	180
ccatgccccag	gtttgttatt	tcgctttgtt	tcttgatgag	gtctcactct	gcagccctgg	240
atgccctagt	actcaataaa	tagaccaggc	ctctgtcaaa	aaaaaaaa		288

<210> 1195
 <211> 349
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(349)
 <223> n = A,T,C or G

gactgaggcc	tgaatgccag	gcctggncag	gaatcctgct	cctgggcacc	tgctgctgt	60
actgcgccc	agtcaccatg	cccgtctgta	ctgttnccat	gagccaggac	tttggctgga	120
acaagaagga	ggctgggtatc	gtgctcagca	gcttcttctg	gggtactgc	ctgactcagg	180
tggtgggagg	ccaccttggg	gatcggtaac	caacccccctc	tccccactgc	tcaggcctga	240
gggggatcat	taccatcacc	tgacacagtg	tggtcagtc	cgccttgca	cacaggagag	300
gaggggtgga	tagagggagg	agnaataccn	anagagcctt	tacctacag		349

<210> 1196
 <211> 369
 <212> DNA
 <213> Mus musculus

gactgaggcc	tgagaaacag	aggctctgca	aggctcagtg	actttcccaa	gaacacagat	60
ggctggcaca	ggactcaggt	cccctgagtg	gggacactat	aggacaccag	catttatacg	120
ggttcccttt	ccaccagtac	cttgggttct	ggcgtccctg	gtcaccctg	tgtgggaaag	180
aaggcggcag	tgaagaaaag	acaaagcaga	accaagggcc	ctctgctttc	caggagggcc	240
acttcctctg	cttaggggac	acccaggggc	agaggctctg	gaggggtctc	tccccctccc	300
tccagaccag	tggtttccaa	ccttccta	gtcacgatct	tttaatacag	ttctgcatgt	360
tggaacca						369

<210> 1197
 <211> 339
 <212> DNA
 <213> Mus musculus

```

<220>
<221> misc_feature
<222> (1)...(339)
<223> n = A,T,C or G

<400> 1197
gtggaggcag ggaaggggtct ggagatgagg aagctagtcc tctctgggtt tctggccagt      60
gaagagatct acattaacca gctggaagct ctgttactgg ccaaggatnt ggannaanng      120
aatcagccac ttgtctgcct actccnggga ccnccatgt cgacaggcgg gagannanan      180
cancacacgg gtgtgcgang ggncnagnnc ctcttatact ctcattctgc cagcggaaga      240
ctngtgntat ctgggaagtt gatacaggnn cnacatacca ngggngcggc cctnngctgc      300
cccagnactg nctctnggta ggngtgtatc cgggtcaatc                                339

<210> 1198
<211> 305
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(305)
<223> n = A,T,C or G

<400> 1198
ctcgttcagc ttctgaagaa gtgtnggngt cagactcagg cagtcagtcg gaaagtgagc      60
agggcaancg agcccgaag tggacatggc ancgagtncc caatanccag atcgggagtt      120
ctttcttgag agccaatcaa nagtctggag agtgaatncg gcaaggttcn aaatncccga      180
gccagtcctt ttccgggaaa gccaaaanaa aggccctgcc ctnttaagaa agggagcggg      240
gttaggcttg attgtngaaa aaagatttgt gggganngaa ttattccttg gatggtttaa      300
tgggg                                           305

<210> 1199
<211> 320
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(320)
<223> n = A,T,C or G

<400> 1199
aagtcagaac ttgaggtttc tcattgagca acattatcag cttgagtgtt ttttaaactc      60
atttgtcntg gcctgactgt taaataggcc cacaggggtc cttgccttcc caananttaa      120
naacttgtgc ttgtgccatg gnaaatggct naggaacana atgtctntca ntgggaaagg      180
aaaccttntg gancctgant accccaaang cannagggtt ggaaggggtc cttgggaaaa      240
ggggtgggac ctnttgacc ccgnaaaaat cgntttttga ccnacnctt tgaaaaaccc      300
annaacaagc ttgggggggc                                320

<210> 1200
<211> 267
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

```

<222> (1)...(267)

<223> n = A,T,C or G

<400> 1200

gacgtctggg	gagctcctgc	attaagtcag	aaactgaggg	atgccattct	agatgtctgg	60
ttcagtgaga	cagagatttc	actctggatc	ctgggtgtgac	cacgtaaaac	aactagtgca	120
tgtgggaata	catagcaggg	catgtttacat	tgctgtgcac	aatgcactca	aaggccctg	180
atgctggccc	tgccacctat	tattttctcc	actgtgcaag	atgcttgaag	nggagattaa	240
aggttttgct	ggcttccaca	aaaatga				267

<210> 1201

<211> 262

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(262)

<223> n = A,T,C or G

<400> 1201

cccctgggaa	gatgctgatt	atcttgttta	caacagncac	cgatngattt	ggctttttac	60
atgnggagga	ncttcatac	cataatgcag	ctgcggaccg	ncanaagcna	ctgggaaatc	120
gaaaggactt	ccaagtggcc	tgaaaangct	naananatgn	nagagatact	tagaacaccn	180
anaagtttca	tcgactgaat	ttacaaagga	nttcactcc	agctccgagg	tgaagtctgg	240
gcntcttctt	cttgagatcc	ct				262

<210> 1202

<211> 281

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(281)

<223> n = A,T,C or G

<400> 1202

gacgtctggg	gagctcctgc	attaagtcag	actgaggtn	taggacagaa	gataaaatat	60
tgactgggtt	tatctataca	aaactccact	tatggngctg	agagatgnct	caatgggtaa	120
gagcaccaac	tgctctaccg	aaggctcctga	gttcaaattc	cagcaaccac	atggnggcat	180
acaaccatct	gtaacgagat	ctgacgcct	cttctggtgt	gtctgaagtc	aactacagt	240
tacttatgta	taataataaa	taaatctttt	taaaaaactt	g		281

<210> 1203

<211> 506

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(506)

<223> n = A,T,C or G

<400> 1203

gacgtctggg	gagctcctgc	attaagtcag	actgaggcca	cgtctctcag	gagtgaaca	60
------------	------------	------------	------------	------------	-----------	----

gttcctgtga	aacaaacaag	agggtggactc	aagtgtgaga	acatgttctt	aggttccaca	120
tatcatatcg	ctctctggaa	tcaggacaga	aaaaagtc	gacatcttga	gttccttaaa	180
tatagcngga	agatgacaga	atcaaggata	tcatttgagg	atgtggctgt	agacttctcc	240
tgggaccagt	ggcagctgct	tagccctact	caaaagagtt	tatacagaga	tgtgatgttg	300
gagaactgca	gcagccttgt	cttcttgggt	aatcaaacca	ccaaacctga	tgttaactttc	360
aagctagatc	agcaagagtc	acggataatg	gatgaagaat	gcctaagtca	aaacttttta	420
gagatctggc	tagacagtta	ttctgaacta	tggcttcaag	atgaacanga	cangcctana	480
aggatggaga	gaggcatgga	gataat				506

<210> 1204

<211> 229

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(229)

<223> n = A,T,C or G

<400> 1204

gtgaaaagaa	gagcttcctc	cttaacgtca	tcagacattn	tanccttgac	ccagcatntt	60
nactccagcc	ctggctgacc	tgactaggcc	gncttngaac	ttagaacact	tctgcctcct	120
gagngctggg	attaaaggcg	tagcngccac	cacgcccggc	tctagaagcc	aggattctta	180
atgtangaac	catctctcta	gccccnana	aaatatttta	aaaatattt		229

<210> 1205

<211> 204

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(204)

<223> n = A,T,C or G

<400> 1205

tctaccctgt	gtaagtcant	gaccctggct	gagctttgtg	gacggagcac	cgtgacaccg	60
gggcagatcc	tagagacagc	taatggactt	ccanntagac	ctaangaagc	cancaanggn	120
caaacgctat	angganttna	tcntgtctgg	naacgggatn	gtgntacttc	aatnancctg	180
gcntnnngga	aaccggactt	aaga				204

<210> 1206

<211> 243

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(243)

<223> n = A,T,C or G

<400> 1206

agtacagagc	gggaacgcga	cctcctggaa	aagaagttgg	ccaaagcaca	gtgtgagcag	60
tcacacctca	tgagagagca	tgaagacgtc	caggagctgc	acgacactcc	gctatgagga	120
gcgcatcaca	gaactccaca	gtatcatttg	cagaactcaa	cangangata	gaccggctgc	180
aaggtaccac	catcagggag	gaagatgagt	actcaaaact	tcggtcagag	ctcagccaga	240

```

gtc 243

<210> 1207
<211> 426
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(426)
<223> n = A,T,C or G

<400> 1207
ttcttgggag cacagngacc ttcttctagn naagcgtncat catcattgtc aaagtcattcc 60
tgcaaaataa agtgttcaga ccctacaccc ctccatgctt ttgcaccaag gacaagtttn 120
acatgtatga gggaacacac agaggagccc ctcaatgggg actgagcatg ccctgatggc 180
atgtgatcat ctgaaaaaca aacagggttgaa aangacaagt gaaatcaaca tgcctactcc 240
aggagcacac ccagccaaag aggcttttca gcagcatctg ctgacttggg ttggaaagag 300
acaaggctca atgttagcca aacttttctac tgaggatctt tcccttctcc attaatattt 360
aacctcacac aggggttttg nttttgattt ccctgctttt aaaaataaag ccacttccaa 420
acctca 426

<210> 1208
<211> 215
<212> DNA
<213> Mus musculus

<400> 1208
gactgagagg aagaggaaga ggaagagaga aatcagaggc aaaatatttc cctatgataa 60
attaattaca cccggtcctg agttcaaata tcagcaacca catgggtggc cacaaccatc 120
cataacgaga tctgatgtcc tcttttggag tgtctgaaga cagctacatg tacttacata 180
taatgaataa ataaatattt tttaaaaaga aaaaa 215

<210> 1209
<211> 138
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(138)
<223> n = A,T,C or G

<400> 1209
gaaattcggc agcgctagag aaaaatgtca taatantaaa tacactggag agtcanaaat 60
ctnaangaca gactacgnnc natgcancat ancgacatac taanctgggt cttaaagtan 120
aatcgggggc caaataat 138

<210> 1210
<211> 136
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(136)

```

<223> n = A,T,C or G

<400> 1210

actgagaata caattgtgga gactggacat gctgcacatg acattcatgg aaccttgcta	60
acanccttga ncattatata aancaggtn tggggccatct gttttgcggc atnatggctg	120
ccctccagcc tgggct	136

<210> 1211

<211> 304

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(304)

<223> n = A,T,C or G

<400> 1211

ggatgcagcc atttcccaaa accactgcat ggggtgtgga gcacattcaa nctggttcct	60
ttctctgggg ctcgagacca gangagactg ctctcacang ctgggtctca ggcggacaga	120
aangacctcc ncctacttnc antnctnnn tccgggaatc tttcactcag gacatanaca	180
atncaagaaa gtcttganna ctctngacag atgtctggnn ctgaccagnn ggnnaaacng	240
ggaataanca tgcttgcta cttagctacc tatgccattt tgagaggaaa gagggacact	300
ctgg	304

<210> 1212

<211> 123

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(123)

<223> n = A,T,C or G

<400> 1212

aagaacccta aaagaatnga gtgcttctcc tggaaaacca ctgnacagtg tctattaacc	60
ttnaaggacg cggnttttng gacttctcat taggaggaat gggacntgtc tcaattttgc	120
tca	123

<210> 1213

<211> 221

<212> DNA

<213> Mus musculus

<400> 1213

catggtctct gtgcactctc gattttgatg aagtcactgt gaatgctgcc caccattgga	60
gatgactttc aggggaagag gcacgggggt gaaacaatgc tgactgtcct ggaattcact	120
atgcagacca ggctggcctt gaactcagag atctatcggc atgcaccacc aaaccaggg	180
taaaaagagt cagcctagga gctccagaaa caactcaaca g	221

<210> 1214

<211> 832

<212> DNA

<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(832)
 <223> n = A,T,C or G

<400> 1214
 gacgtctggg gagctcctgc attaagtcag actgaggaca aaatgctttt cacgtagcaa 60
 gcaggtgaac tcagccagna ncagnactct aacaggncng agccaccacg cncggnnntg 120
 gancttgaan agtatggact tgaagtagcc tcaattgcca aaccagagg gactgaggan 180
 ggtntctaan anctacacan aggaggatgc cctgnatntt atgcctctga cctnaagtgc 240
 tgaggttgn cccatgcagc ggagtactgc agctcaagaa ctactgggag ntaacaccca 300
 agctaancct cgtgaggntt ttctgtgtgt gtggccgcct ganaacacag ccgacctgcg 360
 tgggtgacctt gacctgacca gagctctgtc tcagatggct tccatagtca tgggcagnca 420
 gagaagagga aacaggccca gagagcgcac acctcgctaa ggngtccagg gattagatgt 480
 gcacactcct gctggcctac atatcctgtg tggncctgaa gctctcatcc caccacaga 540
 agtgaagatg ggcccagagg cgggagggtga cccttnttgt tcagctttca aacaggggca 600
 tgcgcatgag cagtgttggc cagtggcact tacagagcca cttggctgaa tctcctnacc 660
 catcacgaca tgttttgagc gctntccagc anacaaggnt tccaaagnn tgtgtnaacc 720
 ggncgtggng gcgcacgcct ttaatcccag tacttgggaa gcanaggcag gcggattttt 780
 gannttcnag gccagcctgg tctacaanng agctncagga cagccaggct ac 832

<210> 1215
 <211> 327
 <212> DNA
 <213> Mus musculus

<400> 1215
 ggcttgccca atgtatcatt gatttgatag cagcgtattc ttcagccacg acaccagcac 60
 tctgatgaga gaacactgtg agaccctggc ccaaagcgcg ctatccctgg cgctctgggt 120
 tctctgcacc atcctgctcc ttctgccacg ccaactgcgt tcgttgacag gcacgcggac 180
 tttcttcgac ctttaattcaa aaaatggaga gccaggcctt cttcgcccggt gttcaccatc 240
 tcccacctcc agacacgtac agcttgccctg ccctgctgtt ttcttcgcgg catttaataa 300
 agttgccttc aaacttaaaa aaaaaaa 327

<210> 1216
 <211> 185
 <212> DNA
 <213> Mus musculus

<400> 1216
 gtctcagaag tcagaagagg tcagtcagct cccctgggtg agctggagct acaagcaact 60
 gtgaaaacta ctctgcataat tactcttcaa aagcagtaac aagtgatctt ccacccctct 120
 gcctctcctc tgcaagaaca gcaagtgtc ttaacctgtt aatcatggag catttttcaact 180
 agcat 185

<210> 1217
 <211> 458
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(458)
 <223> n = A,T,C or G

<400> 1217

cgtctgggga	gctcctgcat	taagtcagac	tgagntctnc	cccancacca	tattanagan	60
ncgacnccga	gcanagntat	tatgctncnt	tgngtgntga	ccgtgatcaa	gaaaganaat	120
ggagatgcaa	cgattttact	gacangtggg	aaggatcaaa	ccaacttcnt	ntataggngg	180
acttacttat	tagnataggt	gaactnataa	acagacacaa	gctgggatgg	ctaggctgnc	240
tccatgacag	gcttnaaatt	ggcngttcag	gagacaaggc	ctaaatcctc	tgtttccaaa	300
gaacttggnt	acnccccagg	caagtcnngg	cctcatgang	ctgccttgcc	acctggcctg	360
aggnccnnga	caacgagtc	ngcagcagnn	ttttanaccn	ttnctcagcc	acaaagcntt	420
ccanacncnc	gcccgggcaa	cagtcttcta	tgctttcc			458

<210> 1218
 <211> 254
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(254)
 <223> n = A,T,C or G

<400> 1218						
gagggcctga	aatgaaaagc	cagcctcctt	ccaacagtca	cagccaggcc	tgttacctag	60
aggccagaaa	tgctttcttg	ccaaatgggc	aggaaccagg	aggcagatgg	aactggcttg	120
ccctttgtca	ctctgactac	aagggtggaa	gaaatgccta	ctatgaattc	ttaaaacatg	180
ngagttatcc	tcttgtagag	aagncagacc	taagttgaaa	ttaaattggn	ccttatatta	240
ttaacaaaaa	aaaa					254

<210> 1219
 <211> 150
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(150)
 <223> n = A,T,C or G

<400> 1219						
ccagctcctc	caccatacag	cccaagtcca	gcngggccnn	caagatcaaa	gatgtgtgcc	60
agaatgccca	gagcngncca	gtttcngaga	cttatncatt	ttggagatgg	nngtcacat	120
gggacgnact	gcnaggacag	cagccataga				150

<210> 1220
 <211> 402
 <212> DNA
 <213> Mus musculus

<400> 1220						
gagagccaac	acaaaaagtg	ggaaaagcct	caaggagaaa	ggaaccatga	ggcctggctg	60
ctgaccactc	aggactgaag	agcggtaagc	tgagagagag	tcgatgacag	cgttcaccag	120
agcatcccgg	gcatcactca	ggctggcagt	caccgacctg	tcaacagcta	gtgaggagct	180
cactatttac	cgctggctgc	cctggcactc	gcagtggaga	tgaggctggc	cttaggctgt	240
gctgagtcgc	ctgtctcctt	cccgcacggg	attgcaagca	tgtgctacca	tatttgcttt	300
acttcatgtt	cttcaaacag	cccaagctca	ggctttttca	cgtcagcttt	ccctcgctga	360
atagccttga	cccaatacat	cactgactgt	taaaaaaaaa	aa		402

<210> 1221

<211> 282
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(282)
 <223> n = A,T,C or G

<400> 1221
 gggcaccgcg tacctcatnt catactnctn acgtatctgc cgggccccagc agnatcaaag 60
 ttgngtgccn gatgcccgaga ggtanncagc ccagtttcag agacttcagc attttgagaga 120
 tggcatcatc atgggacgac tgccaaggac agcagccata gagaggagca ntccagtggag 180
 caatactcct ccatggcctc agttcctgcc tccagatttc tgccttgagt tcctaccctg 240
 acttccctgg atgatgaact acaagttgta agataaaaat ct 282

<210> 1222
 <211> 254
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(254)
 <223> n = A,T,C or G

<400> 1222
 ccattgtcat catctttntg agagcagagt agagagagga ggtctctcta tttagcactg 60
 gctgtcctgg aactctctat gcagacctgc agatcagact ggccttgagc tcacagagat 120
 tcaggngggc tctgctcctc gagttgctgg gatcaaagtg ttcacctaga caccagctnn 180
 ctncaccata ctgcccgaagc ncagccgggc ccaacaagat caaagcttgt gngccagatg 240
 cccacaggta agtc 254

<210> 1223
 <211> 491
 <212> DNA
 <213> Mus musculus

<400> 1223
 tctggggagc tcctgcatta agtcagactg aggtgaaaga atgtcttgct acacatgaaa 60
 gactgttgct ctggagcaga cacagatgaa aggaaggatg tgtggatata gcaaacacgt 120
 gaaaggactc ttaatgaagg agtataaata tgaccccaaca gataatggga gacaagcact 180
 gagccttcgt ttggtttggt ctgcctcctc gctatttttc cactaatgac tcacatgaat 240
 cagttcacct tatacatagt atggttgagc tcaacttggt ataacaccgc cattgagaga 300
 agaaactcgc ccaagaactg cttgtgaagt tcctgcgga gattgccatt tccacggcct 360
 cacacctcag gtcatttggc aagcctagt gtttcttcag gattgaatta cagctgcctg 420
 gtgtctgcgt gctgaaagga ctggactgta gctgctggtt ttgtgcctgg gtgtctgcct 480
 gccctaggac t 491

<210> 1224
 <211> 110
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(110)
 <223> n = A,T,C or G

<400> 1224
 taaagtactg agtgagatca agaaaganat tcgngatgt anagatttta ctgaaaagtg 60
 ggaaggataa cccctaaanc aantattaga agacttacia attaaaaaag 110

<210> 1225
 <211> 334
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(334)
 <223> n = A,T,C or G

<400> 1225
 gagctctggg gagctcctgc attaagtcag caactgagnc atcattcatc atcgctcgctg 60
 tcatcgctgt cattgncatc atctttttga gagcgagtga gagagaggag gtctctctat 120
 ttagcactgg ctgtcctgga actctctatg cagacctgca gatcagactg gccttgagct 180
 cacagagatt cggcggcctc tgccctcctga gtgctggnat caaagtgttg cacctggaca 240
 ccagctnct ccaccatact tgcccangtc cagccggccc cancangatc aaagttgtgt 300
 nccagangcc cagaggnaag cagccccagt tttta 334

<210> 1226
 <211> 105
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(105)
 <223> n = A,T,C or G

<400> 1226
 gagagacttt tcttcccccc cttgatntcn ctgcctgtga angccngggg cnagcgtcat 60
 ctaanacgcc tcttgcagag aangccagag aagagctata ggggc 105

<210> 1227
 <211> 309
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(309)
 <223> n = A,T,C or G

<400> 1227
 tctggggagc tcttgcatta agtcagactg aggattcttn ttgcgaaaac annagggccca 60
 ncagaacaga acaaaatgtt tcagacggnt cccgaacgc tggnaactgtg gagcagacgc 120
 ccangaagcc cggccttcga cgcnngacgt aancanctcc gnattaanaa tattngcctt 180
 gnntattaga tacatnactg gtttatgaag caaggatgat atacatgaaa aaatttaant 240
 gtgtagnngt tnactncata naanggacnt tttggattcg gnctgagaan gcataaacat 300
 tatcactaa 309

<210> 1228
 <211> 573
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(573)
 <223> n = A,T,C or G

<400> 1228
 tctggggagc tcctgcatta agtcagactg agctccagtg tgctgctctg ctccgnacaa 60
 cttaacgatt ttggcgttct gtggtttctt cgttctctat gccttacggg tgaacctgag 120
 tgttgcgtta gtggacatgg tagattcaaa tacaactctg actgataata gaaccgtcta 180
 aggagtgtgc ggaacattct gccccataa aagttcacca caatcacaca ggtaaaaagt 240
 acaagtggga tgcagaaact caagggtgga ttctcggtc ttttttttac ggctacatcg 300
 tcaccagat tcccggtggg tacattgcca gcagggtcgg agggaagctg ctgctgggcc 360
 tgggcatctt aggcacctcc gtcttcaccc tgttcacacc gctggccgca gacttagggc 420
 tggtgactct cgttgtgctt agagcgtggt anggactggg agagggtgtt acnttaccag 480
 ctatgcacnc catgtggtct tcntggntct cccctctgga aagaagcaag cttnttacca 540
 tttcctatgc ggaancacag cttgggacag tga 573

<210> 1229
 <211> 374
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(374)
 <223> n = A,T,C or G

<400> 1229
 ttgacctcta ggaagtcanc ccgaccacc aaactanact caaatggcca gtccccgttc 60
 catctggcag cctccaaagg cctgacagag tgtntgacaa tactgcttgc aaatggggct 120
 gatatcaaca gcaagaacga ggacggaagc actgcccttc atttgccac catctcctgt 180
 cagccacagt gngtgaaggt cttgcttcag cacggtgcta atgaagatgc tgtggatgca 240
 gaaaatcgna gnccattaca ctgggcagnc tcctctggct gcgcctcaag tgtccttctg 300
 ctgtgtgacc acgaagcett cctggacgtg ctggataatg atggacgcac acccctgatg 360
 attgcatcgc tggg 374

<210> 1230
 <211> 203
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(203)
 <223> n = A,T,C or G

<400> 1230
 atccgggaat ctgacaacct actgggtgaa agcaattnan gtccctgcga ttcattcttct 60
 tgaactgtag aaggttaatg agctntgtaa agattntn gn agccggnaca ttgcttgtct 120
 gaagacaaaa aatgaacagn gagacctgt tagnngggga gccctggaan ttccttctct 180
 cntttgtgcc attccaagc ccc 203

<210> 1231
 <211> 199
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(199)
 <223> n = A,T,C or G

<400> 1231
 ctgagatgct gaggantncn gcctccatat ggaaatcata cttgtatcag ctgcagnaag 60
 aggcacctgg tnccaagagg atcatttgtc cccgngaggc ccnactnaac tctctncagn 120
 gcactttgcn tgnncgatg atttggcagc tcntggggct anttncnnga nggacttcag 180
 ctttctctggg gggaaattt 199

<210> 1232
 <211> 350
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(350)
 <223> n = A,T,C or G

<400> 1232
 cagccctgcc taccagcaga cagctgacgg tcttaacagg cacatgacn agangcgcgc 60
 tctnctactc ttggcattgc cccgacaccc atgaagatna gnggtccaga ccctnagttg 120
 ctnattggtg aaaagagctg acnagnatg ttggagacnn aancntnng aatcaatttc 180
 ttcccaaag cttggnctct gccccggaaa nggggggttta tttttatgac ctgggacctg 240
 nttttnanan tcttcagtta ttccccctga nggacccant tccccccctt ggangcnagg 300
 cttgnactcg gatccccaaa aaagggtgtt tanccaaggg aggaaagcca 350

<210> 1233
 <211> 111
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(111)
 <223> n = A,T,C or G

<400> 1233
 actgaacctg ccgcctntgg ctggaaaaca aggtgccacc agcgctggcc tcactccatc 60
 cgaacaggaa nggccgaggt gggnggttct ngatgaaac gcatcattct g 111

<210> 1234
 <211> 124
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(124)

<223> n = A,T,C or G

<400> 1234

```
cttttgggct gaggtgacag cctggccagg aggccatann tacttcttgt ggaactctca    60
aaggncctgga cagggaggcc tggggccagn cacaggccct cctatanatg cgggccataa    120
caga                                                                    124
```

<210> 1235

<211> 128

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(128)

<223> n = A,T,C or G

<400> 1235

```
tatgggggacc ttaccagga ctgcagtagc tgggggggacc attntaacc ttgatggann    60
atctcatgng ggtcctcaag aactggagc aggtaccggn gagatctgcg cactgtccgg    120
gctgaacc                                                                    128
```

<210> 1236

<211> 175

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(175)

<223> n = A,T,C or G

<400> 1236

```
aaaactgact ttctgaanca acacttgctt tgaagatggt taacaaatca tttggaaccc    60
cctttggggg tagtacaggg ggctgnngag atggctcant gngtaaganc acccgactgn    120
tcttccgaag gtnanggagt tcaaattccc ancaaccaca tgggtgggctc acaaaa    175
```

<210> 1237

<211> 120

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(120)

<223> n = A,T,C or G

<400> 1237

```
tcaaatacca tcaacnttc tctggcanna naccatccg gagcgatntc tgatgccttc    60
ntcnggagtg actgaagacn gctacagcgt ncttacatna aataaataac atctctataa    120
```

<210> 1238

<211> 155

<212> DNA

<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(155)
 <223> n = A,T,C or G

 <400> 1238
 ccaccacgga cggcccggtt aggagagatg ggtcccaagc cgtcggaccc cttcctgtcc 60
 tctccaaatg cttagccttg aggcaggggt accagggtgc gggggccccc gaacctgttt 120
 cactttggcc cacatgnggg gataaaggct tcata 155

<210> 1239
 <211> 236
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(236)
 <223> n = A,T,C or G

 <400> 1239
 actgagacat ccctgtcctc ccgagtcctc agctcttgtc gtgccttagc atgtgtgtct 60
 gtctcagctg acatcactct gccaatcaac ctgagtcac ggaacagca ngaaactgta 120
 acacaccacc agaagggttt tggtagtgtt tctctctatg gagtccctgac aaatgcagct 180
 canctacgcn atgtaagggt gaccaatata ttcattgtgt ttgcaaagaa aaaaaa 236

<210> 1240
 <211> 299
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(299)
 <223> n = A,T,C or G

 <400> 1240
 ttgcctcagt atgtgtgtnt gtctcggctg acatnactcc gtcnatnatn ccaagtnac 60
 agangcanca ngaanctgna nngcaccaca cagaagtctt ttggccagtt tntctctatc 120
 aagtcctgac aaatgcnact caactatgca atggaagggt gaccaatttg tatgtgttta 180
 gcaaagaatc cttcatcaca tggtatttna tagngcttgc tttagcagaa caccaacaag 240
 ngnngtgcg aggagatngn cattatcccc agcaagaagc ttgggaacaa gatagccgg 299

<210> 1241
 <211> 129
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(129)
 <223> n = A,T,C or G

 <400> 1241
 ccctgtcaca tcaccccatg gaacactttc ctctgnaaga ggaggataat attgatgtgt 60
 ntanaanaca aggtgnnggn tacgaaacac ttanttaccn ntctcccggt ccttaacttc 120

ttggcccc

129

<210> 1242

<211> 218

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(218)

<223> n = A,T,C or G

<400> 1242

gggcccagag actgaacttn cttgcctgt agcaagggt gaggtatntc tggccctgct	60
actatgcctn atcctnctgc ccaccatgtt cnnctccttt ggancctct gctgcagcct	120
naacaagata gacttcatct tcagnttcct cancattgtt atcggagctg gangaggaac	180
tacagnangc ctaccangga gcagaggcta aactactt	218

<210> 1243

<211> 175

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(175)

<223> n = A,T,C or G

<400> 1243

aaagctcaat aactggnatg tatcancgag catnacatga accnactcat catgaactac	60
ctatnanaca gaggncttta agganccagc ngagacctnt tggatggagn ntgggatntg	120
aaccangtga ggncctagaa ccncttgang agcgaataat gattccgtag atgat	175

<210> 1244

<211> 414

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(414)

<223> n = A,T,C or G

<400> 1244

gactgagctt gtgcttccgc taaacttggc nttcgatacc tacctaacat gatgggcata	60
tgatggccgc catttggaac tgagaactcc tctacccatg cctcgttgtt ccccgaatga	120
caactctgag acttccttat gagtaaatgc ctaggctcat tccccgatca ncttgatgaca	180
catataacct gtttggtcat gtctgccaca tggtnngtta cctctcctca gtttcatttg	240
tncgtctcct ccgagtctgg gatgaaatct cccgctcttg actttttccc agaattcctt	300
tttctctctg cccagtgttc caccttctaa tctgcctca gctcattggc cattggattt	360
ttattaacaa gagatgcttt cacacagtac atgctgtgaa gaatcccaga actg	414

<210> 1245

<211> 124

<212> DNA

<213> Mus musculus

```

<220>
<221> misc_feature
<222> (1)...(124)
<223> n = A,T,C or G

<400> 1245
taagtccaag ctgaattggn caatnctttt gctttttacc ctgnaagaaa nactcataag      60
ccacctctgt atattttacc ccantcttna caagaaaaac tgtaancctc cgcgagccac      120
atac                                          124

<210> 1246
<211> 215
<212> DNA
<213> Mus musculus

<400> 1246
aaacccacc cggcaggcaa agtggctcag cagggagagg ccgtgtctgc tgctaatacct      60
gagacccgca tctgctctct ggaatccacc agatagagga gaacggagtc acacacggat      120
ctccacatac actcctgggtg gcatagtatg cacatggtaa cacacacaca cacacacaca      180
cacacacaca cacacacaca cacacacact gtgag                                          215

<210> 1247
<211> 216
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(216)
<223> n = A,T,C or G

<400> 1247
taccaccctt tttgagcaag ntcagcctgg ttaagtncaa gctgaattgg ncatcgctgn      60
cccatttaaa tggcgcgccc tgcaggaaa ttcgggatcc cggcgcgccc attttaaatg      120
gccgcttttg ggccaaattt ctttttgntt ttttaccctg gnaaggaaaa tacctcataa      180
aaaccacctn tggttatntt acccccaaat ctttca                                          216

<210> 1248
<211> 423
<212> DNA
<213> Mus musculus

<400> 1248
ttgtccggct gagccagtaa gttaactcag tgagtaacgg cacctgccat ggagtctggt      60
gacttgcggt cggtgccagg acccacatgg tggacagaga gaaccaaaca gtgtacactg      120
ctggctggga actcagcatc atcagcatct gcatctcaaa tgctggatta cagacacaca      180
gcatcacgcc tgggtgtgagc cgagccttga tggaaacctt gcaactagcc attaaagaag      240
aaggggagag gggctggaga gatggctcag cgggtaagaa cactgactgc tcttccaaga      300
gtcctgagtt caattcccag caaccacata gtggctcaca accatctgta atgggatctc      360
atgccctctt ctgggtgtgtc taaagacagc tacagtgtac tcatatacat aaaataaaga      420
aaa                                          423

<210> 1249
<211> 237
<212> DNA
<213> Mus musculus

```


<400> 1249
 tgttttgcct gtgtgtatat atgtacacgt atgtacacca tgtcatgagc ctccatgggc 60
 gtgagaggac tttggatccc ttggaactgg cgttacattg gtcgtgagcc tccatgttgg 120
 cgctgagaag caaacctggg ttctctggaa gcgcagcaag tgctcttaac catcgagcca 180
 tccctccatc tcaagccacc catgtatata aaatgaaaat acataaacca aaaaaaa 237

<210> 1250
 <211> 237
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(237)
 <223> n = A,T,C or G

<400> 1250
 tgttttgcct gtgtgtatat atgtacacgt atgtacacca tgtcatgagc ctccatgggc 60
 gtgagaggac tttggatccc ttggaactgg cgttacattg gtcgtgagcc tccatgttgg 120
 cgctgagaag caaacctggg ttctctggaa gcgcagcaag tgctcttaac catcgagcca 180
 tctntccatc tcaaaccacc catgtatata aaatgaaaat acataaacca aaaaaaa 237

<210> 1251
 <211> 187
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(187)
 <223> n = A,T,C or G

<400> 1251
 ataacagacc tgcttggett ntaaggcccn tcaactacccc ggngactcaa tagtagttcc 60
 cctgtgccac cactctgggc cttttaatgc caagaaagaa ttcagccgca gaagaccttg 120
 gagaaggcag acttccnttc cccacatggg ttgattccgn ngaaaccttg gtcccccccc 180
 aaactta 187

<210> 1252
 <211> 260
 <212> DNA
 <213> Mus musculus

<400> 1252
 tgttttgcct gtgtgtatat atgtacacag tatgtacacc atgtcatgag cctccatggc 60
 cgtgagagga ctttggatcc cttggaactg gcgttacatt ggtcgtgagc ctccatgttg 120
 gcgctgagaa gcaaaccctgg gttctctgga agcgcagcaa gtgctcttaa ccatcgagcc 180
 atctctccat ctcaaaccac ccatgtatat aaaatgaaaa tacataaacc atttgtttgt 240
 ttgtttctga aaaaaaaaaa 260

<210> 1253
 <211> 260
 <212> DNA
 <213> Mus musculus

<400> 1253

tgttttgcct	gtgtgtatat	atagtacacg	tatgtacacc	atgtcatgag	cctccatggt	60
cgtgagagga	ctttggatcc	cttggaactg	gcgttacatt	ggtcgtgagc	ctccatgttg	120
gcgctgagaa	gcaaacctgg	gttctctgga	agcgcagcaa	gtgctcttaa	ccatcgagcc	180
atctctccat	ctcaaaccac	ccatgtatat	aaaatgaaaa	tacataaacc	atttgtttgt	240
ttgtttctga	aaaaaaaaaa					260

<210> 1254
 <211> 238
 <212> DNA
 <213> Mus musculus

tgttttgcct	gtgtgtatat	atgtacacag	tatgtacacc	atgtcatgag	cctccatggt	60
cgtgagagga	ctttggatcc	cttggaactg	gcgttacatt	ggtcgtgagc	ctccatgttg	120
gcgctgagaa	gcaaacctgg	gttctctgga	agcgcagcaa	gtgctcttaa	ccatcgagcc	180
atctctccat	ctcaaaccac	ccatgtatat	aaaatgaaaa	tacataaacc	aaaaaaaa	238

<210> 1255
 <211> 240
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(240)
 <223> n = A,T,C or G

atcgctagct	aatcctgaga	cccagtattt	gntctctgna	atccaccata	tagaggagat	60
ctggagtcac	acacggatat	ncacatacac	tcctgntggn	atagtatgca	catggnaaca	120
cacacacaca	cacacacaca	cacacacaca	cacacacacn	cnntgnga	tnaaanacan	180
nggntgangc	atccatnatg	atgggcanac	gganggagac	aggaagctaa	gccagctgag	240

<210> 1256
 <211> 430
 <212> DNA
 <213> Mus musculus

gcagtgaaca	agacgtgtgg	tctgaagata	cacaacaccg	agacaggact	gtgtgggtgct	60
cacatgccac	gagctgagtt	caaacagcat	ccaagcccta	aagaccagag	ccatggacca	120
atatgggtga	tggcatgtgt	gcgcttggtc	cagaagtgtc	actcatcatg	gaggcaaatc	180
ctgtgaggac	gtggaagact	tcacctgggt	tctccgcttt	cctcccgggtg	acacggggga	240
tacttcgggc	agatactgaa	ctgtctgctg	ccatttacag	ccacagttac	atgggattgt	300
ttgttccttc	cctgggcttc	tacctcttcc	ttgactggaa	cagaagctag	gtgcttagat	360
aaacctggtc	aaatatttta	aatcaggatt	ctcttttttt	ctcagcctaa	gagcttaagt	420
ggctatttat						430

<210> 1257
 <211> 215
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(215)

<223> n = A,T,C or G

<400> 1257

ctggacatag	cacctncanc	ggcctgccgn	atgagaccat	taangatcta	angcgggcag	60
cnngtaagcg	ntntgctgtn	ntgtcatgca	aactgccttg	ctctgcggga	cctnaagaca	120
nanncattcn	tgcgccaagg	aatggggacc	ggatgctgct	gacnttggn	aacttggaag	180
gtactgttcc	cggaagnnct	taaccctggg	gcggg			215

<210> 1258

<211> 337

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(337)

<223> n = A,T,C or G

<400> 1258

gctgttctctg	ccccatgcct	ttnnacacagg	cgcgccggat	ccgaattcct	ngagggcgca	60
ccatttanaa	gccctgtntn	ntntatncag	nttggaactta	accaggntga	acngnctcag	120
aaggtgggga	ctactctncc	ttttgagcaa	gttcagcctg	gttaagtcca	agctgaattg	180
gcctcgctgg	ccattttaa	ggcgcgccct	cgaggaattc	ggatccggcg	cgccatttaa	240
atggccgcta	tggccaattc	ttttgctttt	taccctggaa	gaaatactca	taagccacct	300
ctgttattta	cccccaatct	tcacaagaaa	aacggta			337

<210> 1259

<211> 180

<212> DNA

<213> Mus musculus

<400> 1259

gagcctcctc	attgccagca	gctgccgagt	accaggattc	tgcttcacct	ttcttgcct	60
cttctctctg	atgtcttccc	agccccagca	tatgacacaa	gttttacagg	gacttgctga	120
atgactgagt	tgtaacctgt	aaaatgaaat	aaattcttcc	cctcatgtta	aaaaaaaaa	180

<210> 1260

<211> 239

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(239)

<223> n = A,T,C or G

<400> 1260

gaggccaatt	cagcttgnac	ttatccaggc	tgaacttgct	canaaggngg	aaactaccca	60
ccttttgagc	aagttcagcc	tggttaagtc	caagctgaat	tggcctcgct	ggccatttaa	120
atggcgcgcc	tcgaggaaat	tcggatccng	cgcgccatth	aaatggncgg	ctntggccaa	180
atcttttggg	tttttaacct	nggaaagaaa	nacntntnaa	nccccctctg	tttattttta	239

<210> 1261

<211> 332

<212> DNA

<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(332)
 <223> n = A,T,C or G

 <400> 1261
 gcggcgccat tttaatggcc agcgaggcca attcacgcng ggacttaanc aggntgcnc 60
 nggctcanaa ngttgggana ctaccacac tttgagcaag ttcaagcctg gttaangtcc 120
 aaagctggaa tttgggctng nttggncaat tttaaaang gcngcgccct tcggagggaa 180
 ntttcgggaa tcccggnggg ccatttttaa aaatngggcc cgctantggg gccaaaattc 240
 cttttttngn gtntttttta acccctggga aaggaaaaat aaccttnatt aaaagncnac 300
 ccttnntggt ttaattttta acccccctaa tt 332

<210> 1262
 <211> 253
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(253)
 <223> n = A,T,C or G

 <400> 1262
 actaccaac cttttgagca agttcaagcc tngggttaaa gtccaaagct tgaaatttgg 60
 gcctccgctg ggccatttta aaataggcgc cgccctcgga ggggaaattt cnggaatccn 120
 ggcgcgccat tttaaaaang gcccnggtta ttggcccaaa attctttttt gggttttttt 180
 ancccttggg ggaaagaaaa atancctcat taaaaccacc ctcttggtta atttttacc 240
 cccaattct ttt 253

<210> 1263
 <211> 129
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(129)
 <223> n = A,T,C or G

 <400> 1263
 gggaatgacc acactgncac agtaagnacc ggtgactggt cagcttataa gccatntggt 60
 tanccttttg agcaagtcac agcctgggta agnccaagct gaattggcaa ntcttttcgc 120
 ttttttacc 129

<210> 1264
 <211> 288
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(288)
 <223> n = A,T,C or G

<400> 1264

gacttaacca	ggctaganct	tgctcaaaag	gtggganact	acccaccttt	tgagcaagtt	60
caagccttgg	ttaagtccaa	agcttgaaat	tgggcctcgc	ttggccatth	aaaatgggcn	120
gccgcccctc	gnagggaat	ttcgggatcc	cgggcggccg	ccattttaaa	aatgggcccg	180
ctattgggnc	aaatttcttt	ttggcttttt	ttaccctggg	aaagaaaaan	acctcntaaa	240
aaaaccnccc	tcttggtnt	tttaancccc	caaaatthtt	cacaaaag		288

<210> 1265
 <211> 372
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(372)
 <223> n = A,T,C or G

<400> 1265	
aaccatttaa	atagggcgcg
gccangnca	ggccaattca
anaaagagtn	gnngnnnact
tttaaagtcc	caaagcctgg
gccggcgggc	cctccggaag
aaaaataggg	cccgccttat
cccttgggga	aa
	60
	120
	180
	240
	300
	360
	372

<210> 1266
 <211> 225
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(225)
 <223> n = A,T,C or G

<400> 1266	
agaagagact	cctctctcct
tnaaaaggag	ggggccttat
ttttcnaaag	aaaggggtcac
nntttnnccg	gngnattaag
	60
	120
	180
	225

<210> 1267
 <211> 188
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(188)
 <223> n = A,T,C or G

<400> 1267	
catccatgcc	ccgttgtgtg
atacactatn	gcccttttga
tcttttgctt	tttaccctgg
caatcttt	
	60
	120
	180
	188

<210> 1268
 <211> 104
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(104)
 <223> n = A,T,C or G

<400> 1268
 ttacctcttt gagcatgttc agcctgggta aagnccaagc tgaaattggn caattctttt 60
 gctttttacc ctggaaagaa aatactcaat aaagccaacc tctt 104

<210> 1269
 <211> 206
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(206)
 <223> n = A,T,C or G

<400> 1269
 tgagttgaag ccgtactatt ttatancaan gcatgggntt aacccttgnt ngatnnggna 60
 ggnnagacca tgnnnncccc ttgttggagc caaggttcca gcncctnggtt taaaagtcca 120
 agctggaaat tgggccaatt cttttggcctt tttaccctgg gaaaggaaaa tacttcataa 180
 aagcccacct tctggtttat tttaac 206

<210> 1270
 <211> 271
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(271)
 <223> n = A,T,C or G

<400> 1270
 ctacctgctt aatcagaacn gacttntggg cccctttttt tgtcaccacc ctgtantaag 60
 agannngact cctttctnct tnccatttan cagannctct natgccntc tacttcntnn 120
 aaaaagngtt acaacnaacg gnagcctttt tttgagcaag ttcaagcctg gttaaagtcca 180
 agctgaattg gcctcgctgg ccttgaactc gggtagggccg ctatggccaa ntcttttgct 240
 ttttaccctg gaangaaatt ctgcactaag g 271

<210> 1271
 <211> 254
 <212> DNA
 <213> Mus musculus

<400> 1271
 gacctcacta tgtagccctg gatggcctgg aactcctgct ctgcgtgcct ctgcctcccg 60
 aggcggggat gcctgcccgg tgtgggtcag catgccaagc ttgatcggtg ctccttatgt 120
 acagagttgg ggatgaatac caggtcttgt gtgctctagg cttgcatctg tgcacacgga 180

ccctcctaca tgcaaaccac cacacgaaca ggtacgtacc accccctcac tcacaaaaga 240
caaaataaaa ataa 254

<210> 1272
<211> 131
<212> DNA
<213> Mus musculus

<400> 1272
taagcaatgg catcaaccat tcccctccta ccctgaatgg tgccccatcg ccaaccacat 60
tgccggccag cgaggccaat tcagcttgga cttaaccagg ctgaacttgc tcaaaagggtg 120
gggactaccc a 131

<210> 1273
<211> 138
<212> DNA
<213> Mus musculus

<400> 1273
taagcaatgg catcaaccat tcccctccta ccctgaatgg tgccccatcg ccaaccacat 60
tgccggccag cgaggccaat tcagcttgga cttaaccagg ctgaacttgc tcaaaagggtg 120
gggactaccc aaatgccc 138

<210> 1274
<211> 136
<212> DNA
<213> Mus musculus

<400> 1274
taagcaatgg catcaaccat tcccctccta ccctgaatgg tgccccatcg ccaaccacat 60
tgccggccag cgaggccaat tcagcttgga cttaaccagg ctgaacttgc tcaaaagggtg 120
gggactaccc aaactt 136

<210> 1275
<211> 131
<212> DNA
<213> Mus musculus

<400> 1275
taagcaatgg catcaaccat tcccctccta ccctgaatgg tgccccatcg ccaaccacat 60
tgccggccag cgaggccaat tcagcttgga cttaaccagg ctgaacttgc tcaaaagggtg 120
gggactaccc a 131

<210> 1276
<211> 140
<212> DNA
<213> Mus musculus

<400> 1276
taagcaatgg catcaaccat tcccctccta ccctgaatgg tgccccatcg ccaaccacat 60
tgccggccag cgaggccaat tcagcttgga cttaaccagg ctgaacttgc tcaaaagggtg 120
gggactaccc aagactaccc 140

<210> 1277
<211> 132
<212> DNA

<213> Mus musculus

<400> 1277

```
taagcaatgg catcaaccat tcccctccta ccctgaatgg tgcccatcg ccaaccacat      60
tgccggccag cgaggccaat tcagcttgga cttaaccagg ctgaacttgc tcaaaagggtg    120
gggactaccc ac                                                           132
```

<210> 1278

<211> 132

<212> DNA

<213> Mus musculus

<400> 1278

```
taagcaatgg catcaaccat tcccctccta ccctgaatgg tgcccatcg ccaaccacat      60
tgccggccag cgaggccaat tcagcttgga cttaaccagg ctgaacttgc tcaaaagggtg    120
gggactaccc aa                                                           132
```

<210> 1279

<211> 142

<212> DNA

<213> Mus musculus

<400> 1279

```
taagcaatgg catcaaccat tcccctccta ccctgaatgg tgcccatcg ccaaccacat      60
tgccggccag cgaggccaat tcagcttgga cttaaccagg ctgaacttgc tcaaaagggtg    120
gggactaccc aaggactacc cg                                             142
```

<210> 1280

<211> 132

<212> DNA

<213> Mus musculus

<400> 1280

```
taagcaatgg catcaaccat tcccctccta ccctgaatgg tgcccatcg ccaaccacat      60
tgccggccag cgaggccaat tcagcttgga cttaaccagg ctgaacttgc tcaaaagggtg    120
gggactaccc aa                                                           132
```

<210> 1281

<211> 128

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(128)

<223> n = A,T,C or G

<400> 1281

```
cggccagaga ggccaattnt ttttggactt aaccnggctg aacntgntca aaagtangag      60
actaccccca ctcatggcat cggaagatac agacacttgg tgaaagtgca ggagcccaaa    120
aaaaaaaaa                                                            128
```

<210> 1282

<211> 131

<212> DNA

<213> Mus musculus

<400> 1282
taagcaatgg catcaaccat tccccctccta ccctgaatgg tgccccatcg ccaaccacat 60
tgccggccag cgaggccaat tcagcttgga cttaaccagg ctgaacttgc tcaaaagggtg 120
gggactaccc a 131

<210> 1283
<211> 131
<212> DNA
<213> Mus musculus

<400> 1283
taagcaatgg catcaaccat tccccctccta ccctgaatgg tgccccatcg ccaaccacat 60
tgccggccag cgaggccaat tcagcttgga cttaaccagg ctgaacttgc tcaaaagggtg 120
gggactaccc a 131

<210> 1284
<211> 298
<212> DNA
<213> Mus musculus

<400> 1284
gccaccttca ggagctccag gacctgccgg taggcctcct gtcctgaggt cctccacaca 60
cagcttgggg gcaaggagtg gacgtcagtg gtggaacact tatcggggaa ttccacctca 120
gaagggatga agacaaggcg gctagcaaga tggcacagtg ggctacacaa acctgatggc 180
ccaagtttga tgctcagggc cacataatgg tgaggggaaag gactcagagc tgttttacga 240
ttccacatg aaagccatgc atagccctta cagctccaaa ccccgaaata aaaaaaga 298

<210> 1285
<211> 218
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(218)
<223> n = A,T,C or G

<400> 1285
taagcaatgg catcaaccat tccccctccta ccctgaatgg tgccccatcg ccaaccacat 60
tgccggccag cgaggccaat tcagcttgga cttaaccagg ctgaacttgc tcaaaagggtg 120
gggactaccc aaggcgggccc nntntntgca actctttacc tntcctncct ttctcccaag 180
gaaggctgnt aactgtgcct gctgcctggc tttctgtt 218

<210> 1286
<211> 132
<212> DNA
<213> Mus musculus

<400> 1286
taagcaatgg catcaaccat tccccctccta ccctgaatgg tgccccatcg ccaaccacat 60
tgccggccag cgaggccaat tcagcttgga cttaaccagg ctgaacttgc tcaaaagggtg 120
gggactaccc at 132

<210> 1287
<211> 132
<212> DNA

<213> Mus musculus

<400> 1287

taagcaatgg catcaaccat tcccctccta ccctgaatgg tgcccatcg ccaaccacat	60
tgccggccag cgaggccaat tcagcttgga cttaaccagg ctgaacttgc tcaaaagggtg	120
gggactaccc ac	132

<210> 1288

<211> 134

<212> DNA

<213> Mus musculus

<400> 1288

taagcaatgg catcaaccat tcccctccta ccctgaatgg tgcccatcg ccaaccacat	60
tgccggccag cgaggccaat tcagcttgga cttaaccagg ctgaacttgc tcaaaagggtg	120
gggactaccc acta	134

<210> 1289

<211> 131

<212> DNA

<213> Mus musculus

<400> 1289

taagcaatgg catcaaccat tcccctccta ccctgaatgg tgcccatcg ccaaccacat	60
tgccggccag cgaggccaat tcagcttgga cttaaccagg ctgaacttgc tcaaaagggtg	120
gggactaccc a	131

<210> 1290

<211> 125

<212> DNA

<213> Mus musculus

<400> 1290

taagcaatgg catcaaccat tcccctccta ccctgaatgg tgcccatcg ccaaccacat	60
tgccggccag cgaggccaat tcagcttgga cttaaccagg ctgaacttgc tcaaaagggtg	120
gggac	125

<210> 1291

<211> 355

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(355)

<223> n = A,T,C or G

<400> 1291

taagcaatgg catcaaccat tcccctccta ccctgaatgg tgcccatcg ccaaccacat	60
tgccggccag cgaggccaat tcagcttgga cttaaccagg ctgaacttgc tcaaaagggtg	120
gggacaaccc aaangggnnn ggggnnnact nnctttggnt ttannnnnnn gaagaaatac	180
tnatangga cctntgntat ttaccccaaa tcttnacang aaaaactggn nnnctttttg	240
agcaagttca gcttggttaa gtccaagctg aattggcctc gctggccggc aatgtgggtg	300
gcgatggggc accattcang gtagggggg aatggntgat gccattgctt actaa	355

<210> 1292

<211> 125
 <212> DNA
 <213> Mus musculus

<400> 1292
 taagcaatgg catcaaccat tccccctccta ccctgaatgg tgccccatcg ccaaccacat 60
 tgccggccag cgaggccaat tcagcttgga cttaaccagg ctgaacttgc tcaaaagggtg 120
 gggac 125

<210> 1293
 <211> 132
 <212> DNA
 <213> Mus musculus

<400> 1293
 taagcaatgg catcaaccat tccccctccta ccctgaatgg tgccccatcg ccaaccacat 60
 tgccggccag cgaggccaat tcagcttgga cttaaccagg ctgaacttgc tcaaaagggtg 120
 gggacaaccc aa 132

<210> 1294
 <211> 134
 <212> DNA
 <213> Mus musculus

<400> 1294
 taagcaatgg catcaaccat tccccctccta ccctgaatgg tgccccatcg ccaaccacat 60
 tgccggccag cgaggccaat tcagcttgga cttaaccagg ctgaacttgc tcaaaagggtg 120
 gggactaccc aact 134

<210> 1295
 <211> 132
 <212> DNA
 <213> Mus musculus

<400> 1295
 taagcaatgg catcaaccat tccccctccta ccctgaatgg tgccccatcg ccaaccacat 60
 tgccggccag cgaggccaat tcagcttgga cttaaccagg ctgaacttgc tcaaaagggtg 120
 gggacaaccc ac 132

<210> 1296
 <211> 125
 <212> DNA
 <213> Mus musculus

<400> 1296
 taagcaatgg catcaaccat tccccctccta ccctgaatgg tgccccatcg ccaaccacat 60
 tgccggccag cgaggccaat tcagcttgga cttaaccagg ctgaacttgc tcaaaagggtg 120
 gggac 125

<210> 1297
 <211> 116
 <212> DNA
 <213> Mus musculus

<400> 1297
 taagcaatgg catcaaccat tccccctccta ccctgaatgg tgccccatcg ccaaccacat 60

tgccggccaa ttcagcttgg acttaaccag gctgaacttg ctcaaaaggt ggggac 116

<210> 1298

<211> 138

<212> DNA

<213> Mus musculus

<400> 1298

taagcaatgg catcaaccat tcccctccta cctgaatgg tgcccatcg ccaaccacat 60

tgccggccag cgaggccaat tcagcttggg cttaaccagg ctgaacttgc tcaaaaggtg 120

gggacaaccc actacca 138

<210> 1299

<211> 306

<212> DNA

<213> Mus musculus

<400> 1299

gtgacttcag gtgggtgctg gggttccctg gacccagtgg ctttccctgt tcttggacac 60

tagagtaatc cagcctcaga gacgagttag caggccccag agttacatag cagacctaaa 120

tctgctgcct tctcaccttc cttaaacacgg aatgccagaa tcttaatacc tttaccccca 180

aaatggagac aaccttctgc caggggaactg agaacaaggc atcaaagcag gggattcgga 240

attaatgatg ctcaattgtc ctcgataagc gctggcatca ggactgattg ttgagaagaa 300

aaaaaa 306

<210> 1300

<211> 111

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(111)

<223> n = A,T,C or G

<400> 1300

ctaaggctga aacctgcttn ctcgggggtgg agcctcctgc taattcggnc tntcacancc 60

cactgangna acctgangag ccaccacanc tgcncctttc tacttgggcc a 111

<210> 1301 .

<211> 183

<212> DNA

<213> Mus musculus

<400> 1301

gtctcagaag tcagaagagg tcagtcagct cccctgggtgg agctggagct acaagcaact 60

gtgaaaacta ctctgcatat tactcttcaa aagcagtaac aagtgatctt ccacccctct 120

gcctctcctc tgcaagaaca gcaagtgtc ttaacctgtt aatcatggag cattttcact 180

agc 183

<210> 1302

<211> 193

<212> DNA

<213> Mus musculus

<400> 1302

gtctcagaag	tcagaagagg	tcagtcagct	cccctggtgg	agctggagct	acaagcaact	60
gtgaaaacta	ctctgcatat	tactcttcaa	aagcagtaac	aagtgatctt	ccacccctct	120
gcctctcctc	tgcaagaaca	gcaagtgctc	ttaacctgtt	aatcatggag	catttttact	180
agcaaaaaaa	aaa					193

<210> 1303
 <211> 193
 <212> DNA
 <213> Mus musculus

gtctcagaag	tcagaagagg	tcagtcagct	cccctggtgg	agctggagct	acaagcaact	60
gtgaaaacta	ctctgcatat	tactcttcaa	aagcagtaac	aagtgatctt	ccacccctct	120
gcctctcctc	tgcaagaaca	gcaagtgctc	ttaacctgtt	aatcatggag	catttttact	180
agcaaaaaaa	aaa					193

<210> 1304
 <211> 193
 <212> DNA
 <213> Mus musculus

gtctcagaag	tcagaagagg	tcagtcagct	cccctggtgg	agctggagct	acaagcaact	60
gtgaaaacta	ctctgcatat	tactcttcaa	aagcagtaac	aagtgatctt	ccacccctct	120
gcctctcctc	tgcaagaaca	gcaagtgctc	ttaacctgtt	aatcatggag	catttttact	180
agcaaaaaaa	aaa					193

<210> 1305
 <211> 193
 <212> DNA
 <213> Mus musculus

gtctcagaag	tcagaagagg	tcagtcagct	cccctggtgg	agctggagct	acaagcaact	60
gtgaaaacta	ctctgcatat	tactcttcaa	aagcagtaac	aagtgatctt	ccacccctct	120
gcctctcctc	tgcaagaaca	gcaagtgctc	ttaacctgtt	aatcatggag	catttttact	180
agcaaaaaaa	aaa					193

<210> 1306
 <211> 277
 <212> DNA
 <213> Mus musculus

atgaggaagc	tgagaagcaa	aggtctgaat	gctttgcccc	gtcgtcgtct	catagctagg	60
acatagccaa	cgtgcagtaa	ccaggtctca	gaagtcagaa	gaggtcagtc	agctcccctg	120
gtggagctgg	agctacaagc	aactgtgaaa	actactctgc	atattactct	tcaaaagcag	180
taacaagtga	tcttccaccc	ctctgcctct	cctctgcaag	aacagcaagt	gctcttaacc	240
tgtaaatcat	ggagcatttt	cactagcaaa	aaaaaaa			277

<210> 1307
 <211> 196
 <212> DNA
 <213> Mus musculus

<400> 1307

gtctcagaag	tcagaagagg	tcagtcagct	cccctggtgg	agctggagct	acaagcaact	60
gtgaaaacta	ctctgcatat	tactcttcaa	aagcagtaac	aagtgatctt	ccacccctct	120
gcctctcctc	tgcaagaaca	gcaagtgctc	ttaacctgtt	aatcatggag	cattttcact	180
agcattaaaa	aaaaaa					196

<210> 1308
 <211> 194
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(194)
 <223> n = A,T,C or G

<400> 1308						
gtctcagaag	tcaagaagag	gtcagtcagc	tcccctggtg	gagctggagc	tacaagcaac	60
tgtgaaaact	actctgcata	ttactcttca	aaagcagtaa	caagngatct	tccacccctc	120
tgctctcctc	ctgcaagaac	agcaagtgct	cttaacctgt	taatcatgga	gcattttcac	180
tagcaaaaaa	aaaa					194

<210> 1309
 <211> 193
 <212> DNA
 <213> Mus musculus

<400> 1309						
gtctcagaag	tcagaagagg	tcagtcagct	cccctggtgg	agctggagct	acaagcaact	60
gtgaaaacta	ctctgcatat	tactcttcaa	aagcagtaac	aagtgatctt	ccacccctct	120
gcctctcctc	tgcaagaaca	gcaagtgctc	ttaacctgtt	aatcatggag	cattttcact	180
agcaaaaaaa	aaa					193

<210> 1310
 <211> 193
 <212> DNA
 <213> Mus musculus

<400> 1310						
gtctcagagg	tcagaagagg	tcagtcagct	cccctggtgg	agctggagct	acaagcaact	60
gtgaaaacta	ctctgcatat	tactcttcaa	aagcagtaac	aagtgatctt	ccacccctct	120
gcctctcctc	tgcaagaaca	gcaagtgctc	ttaacctgtt	aatcatggag	cattttcact	180
agcaaaaaaa	aaa					193

<210> 1311
 <211> 193
 <212> DNA
 <213> Mus musculus

<400> 1311						
gtctcagaag	tcagaagagg	tcagtcagct	cccctggtgg	agctggagct	acaagcaact	60
gtgaaaacta	ctctgcatat	tactcttcaa	aagcagtaac	aagtgatctt	ccacccctct	120
gcctctcctc	tgcaagaaca	gcaagtgctc	ttaacctgtt	aatcatggag	cattttcact	180
agcaaaaaaa	aaa					193

<210> 1312
 <211> 193

<212> DNA
<213> Mus musculus

<400> 1312
gtctcagaag tcagaagagg tcagtcagct cccctggtgg agctggagct acaagcaact 60
gtgaaaacta ctctgcatat tactcttcaa aagcagtaac aagtgatctt ccacccctct 120
gcctctcctc tgcaagaaca gcaagtgtc ttaacctgtt aatcatggag cattttcact 180
agcaaaaaaa aaa 193

<210> 1313
<211> 198
<212> DNA
<213> Mus musculus

<400> 1313
gtctcaagaa gtcagaagag gtcaagtcag ctccccctggt ggagctggag ctacaagcaa 60
ctgtgaaaac tactctgcat attactcttc aaaagcagta acaagtgatc ttccacccct 120
ctgcctctcc tctgcaagaa cagcaagtgc tcttaacctg ttaatcatgg agcattttca 180
ctagcattaa aaaaaaaa 198

<210> 1314
<211> 193
<212> DNA
<213> Mus musculus

<400> 1314
gtctcagaag tcagaagagg tcagtcagct cccctggtgg agctggagct acaagcaact 60
gtgaaaacta ctctgcatat tactcttcaa aagcagtaac aagtgatctt ccacccctct 120
gcctctcctc tgcaagaaca gcaagtgtc ttaacctgtt aatcatggag cattttcact 180
agcaaaaaaa aaa 193

<210> 1315
<211> 196
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(196)
<223> n = A,T,C or G

<400> 1315
gtctcagaag tcagaagagg tcagtcagct cccctggtgg agctggagnt acaagcaact 60
gtgaaaacta ctctgcatat tactcttcaa aagcagtaac aagtgatctt ccacccctct 120
gcctctcctc tgcaagaaca gcaagtgtc ttaacctgtt aatcatggag cattttcact 180
agcattaaaa aaaaaa 196

<210> 1316
<211> 411
<212> DNA
<213> Mus musculus

<400> 1316
gtgaagaacc aggcagtagg cgagaaaggc cccactcagg acagctgagc cccagggctg 60
aagcaggagt aaccgaccct tctgcctcac ccacttcaga agcttctcca caaacaggag 120
cagccaagca gaccagcccc tgccccctaa agtggtctcc caaagcggag cacacaggcc 180

tgacagctca	gcagtgcgag	gcgaggtgag	gagagggcag	gcggctgcag	cctgcgggtga	240
acatctgaac	tcctcagagg	ggtaacagac	ccccccacac	acagatgcag	cctgagtggc	300
aggaatactg	agtcttttga	gagtggctcc	ctctcagctc	tgtcacgcaa	gaacgctctc	360
tgcatttgag	ccattctggc	aagtgactta	aagggattta	aaaaaaacaa	a	411

<210> 1317

<211> 190

<212> DNA

<213> Mus musculus

<400> 1317

aaagtcagaa	gaggtcagtc	agctccccctg	gtggagctgg	agctacaagc	aactgtgaaa	60
actactctgc	atattaccct	tcaaaagcag	taacaagtga	tcttccaccc	ctctgcctct	120
cctctgcaag	aacagcaagt	gctcttaacc	tgttaatcat	ggagcatttt	cactagcatt	180
aaaaaaaaaa						190

<210> 1318

<211> 193

<212> DNA

<213> Mus musculus

<400> 1318

gtctcagaag	tcagaagagg	tcagtcagct	cccctggtgg	agctggagct	acaagcaact	60
gtgaaaacta	ctctgcatat	tactcttcaa	aagcagtaac	aagtgatctt	ccaccctct	120
gcctctcctc	tgcaagaaca	gcaagtgtc	ttaacctgtt	aatcatggag	cattttcact	180
agcaaaaaaa	aaa					193

<210> 1319

<211> 193

<212> DNA

<213> Mus musculus

<400> 1319

gtctcagaag	tcagaagagg	tcagtcagct	cccctggtgg	agctggagct	acaagcaact	60
gtgaaaacta	ctctgcatat	tactcttcaa	aagcagtaac	aagtgatctt	ccaccctct	120
gcctctcctc	tgcaagaaca	gcaagtgtc	ttaacctgtt	aatcatggag	cattttcact	180
agcaaaaaaa	aaa					193

<210> 1320

<211> 193

<212> DNA

<213> Mus musculus

<400> 1320

gtctcagaag	tcagaagagg	tcagtcagct	cccctggtgg	agctggagct	acaagcaact	60
gtgaaaacta	ctctgcatat	tactcttcaa	aagcagtaac	aagtgatctt	ccaccctct	120
gcctctcctc	tgcaagaaca	gcaagtgtc	ttaacctgtt	aatcatggag	cattttcact	180
agcaaaaaaa	aaa					193

<210> 1321

<211> 193

<212> DNA

<213> Mus musculus

<400> 1321

gtctcagaag	tcagaagagg	tcagtcagct	cccctggtgg	agctggagct	acaagcaact	60
------------	------------	------------	------------	------------	------------	----

gtgaaaacta ctctgcatat tactcttcaa aagcagtaac aagtgatctt ccacccctct 120
gcctctcctc tgcaagaaca gcaagtgtc ttaacctgtt aatcatggag cattttcact 180
agcaaaaaaa aaa 193

<210> 1322
<211> 193
<212> DNA
<213> Mus musculus

<400> 1322
gtctcagaag tcagaagagg tcagtcagct cccctgggtgg agctggagct acaagcaact 60
gtgaaaacta ctctgcatat tactcttcaa aagcagtaac aagtgatctt ccacccctct 120
gcctctcctc tgcaagaaca gcaagtgtc ttaacctgtt aatcatggag cattttcact 180
agcaaaaaaa aaa 193

<210> 1323
<211> 193
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(193)
<223> n = A,T,C or G

<400> 1323
gtctcagaag tcagaagagg tcagtcagct cccctgggtgg agctggagct acaagcaact 60
gtgaaaacta ctctgcatat tactcttcaa aagcagtaac aagngatctt ccacccctct 120
gcctctcctc tgcaagaaca gcaagtgtc ttaacctgtt aatcatggag cattttcact 180
agcaaaaaaa aaa 193

<210> 1324
<211> 193
<212> DNA
<213> Mus musculus

<400> 1324
gtctcagaag tcagaagagg tcagtcagct cccctgggtgg agctggagct acaagcaact 60
gtgaaaacta ctctgcatat tactcttcaa aagcagtaac aagtgatctt ccacccctct 120
gcctctcctc tgcaagaaca gcaagtgtc ttaacctgtt aatcatggag cattttcact 180
agcaaaaaaa aaa 193

<210> 1325
<211> 193
<212> DNA
<213> Mus musculus

<400> 1325
gtctcagaag tcagaagagg tcagtcagct cccctgggtgg agctggagct acaagcaact 60
gtgaaaacta ctctgcatat tactcttcaa aagcagtaac aagtgatctt ccacccctct 120
gcctctcctc tgcaagaaca gcaagtgtc ttaacctgtt aatcatggag cattttcact 180
agcaaaaaaa aaa 193

<210> 1326
<211> 196
<212> DNA

<213> Mus musculus

<400> 1326

gtctcagaag	tcagaagagg	tcagtcagct	cccctggtgg	agctggagct	acaagcaact	60
gtgaaaacta	ctctgcatat	tactcttcaa	aagcagtaac	aagtgatctt	ccacccctct	120
gcctctcctc	tgcaagaaca	gcaagtgtct	ttaacctgtt	aatcatggag	catttttact	180
agcattaaaa	aaaaaa					196

<210> 1327

<211> 185

<212> DNA

<213> Mus musculus

<400> 1327

gtctcagaag	tcagaagagg	tcaagtcagc	ccccctggtg	gagctggagc	tacaagcaac	60
tgtgaaaact	actctgcata	ttactcttca	aaagcagtaa	caagtgatct	tccacccctc	120
tgccctctct	ctgcaagaac	agcaagtgtc	cttaacctgt	taatcatgga	gcattttcac	180
tagca						185

<210> 1328

<211> 193

<212> DNA

<213> Mus musculus

<400> 1328

gtctcagaag	tcagaagagg	tcagtcagct	cccctggtgg	agctggagct	acaagcaact	60
gtgaaaacta	ctctgcatat	tactcttcaa	aagcagtaac	aagtgatctt	ccacccctct	120
gcctctcctc	tgcaagaaca	gcaagtgtct	ttaacctgtt	aatcatggag	catttttact	180
agcaaaaaaaaa	aaa					193

<210> 1329

<211> 193

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(193)

<223> n = A,T,C or G

<400> 1329

gtctcagaag	tcagaagagg	tcagtcagct	cccctggtgg	agctggagct	acaagcaact	60
gtgaaaacta	ctctgcatat	tactcttcaa	aagcagtaac	aagtgatctt	ccacccctct	120
gcctctcctc	tgcaagaaca	gcaagngctc	ttaacctgtt	aatcatggag	catttttact	180
agcaaaaaaaaa	aaa					193

<210> 1330

<211> 193

<212> DNA

<213> Mus musculus

<400> 1330

gtctcagaag	tcagaagagg	tcagtcagct	cccctggtgg	agctggagct	acaagcaact	60
gtgaaaacta	ctctgcatat	tactcttcaa	aagcagtaac	aagtgatctt	ccacccctct	120
gcctctcctc	tgcaagaaca	gcaagtgtct	ttaacctgtt	aatcatggag	catttttact	180
agcaaaaaaaaa	aaa					193

<210> 1331
 <211> 193
 <212> DNA
 <213> Mus musculus

<400> 1331
 gtctcagaag tcagaagagg tcagtcagct cccctgggtgg agctggagct acaagcaact 60
 gtgaaaacta ctctgcatat tactcttcaa aagcagtaac aagtgatctt ccacccctct 120
 gcctctcctc tgcaagaaca gcaagtgtc ttaacctgtt aatcatggag cattttcact 180
 agcaaaaaaa aaa 193

<210> 1332
 <211> 193
 <212> DNA
 <213> Mus musculus

<400> 1332
 gtctcagaag tcagaagagg tcagtcagct cccctgggtgg agctggagct acaagcaact 60
 gtgaaaacta ctctgcatat tactcttcaa aagcagtaac aagtgatctt ccacccctct 120
 gcctctcctc tgcaagaaca gcaagtgtc ttaacctgtt aatcatggag cattttcact 180
 agcaaaaaaa aaa 193

<210> 1333
 <211> 196
 <212> DNA
 <213> Mus musculus

<400> 1333
 gtctcagaag tcagaagagg tcagtcagct cccctgggtgg agctggagct acaagcaact 60
 gtgaaaacta ctctgcatat tactcttcaa aagcagtaac aagtgatctt ccacccctct 120
 gcctctcctc tgcaagaaca gcaagtgtc ttaacctgtt aatcatggag cattttcact 180
 agcattaaaa aaaaaa 196

<210> 1334
 <211> 193
 <212> DNA
 <213> Mus musculus

<400> 1334
 gtctcagaag tcagaagagg tcagtcagct cccctgggtgg agctggagct acaagcaact 60
 gtgaaaacta ctctgcatat tactcttcaa aagcagtaac aagtgatctt ccacccctct 120
 gcctctcctc tgcaagaaca gcaagtgtc ttaacctgtt aatcatggag cattttcact 180
 agcaaaaaaa aaa 193

<210> 1335
 <211> 194
 <212> DNA
 <213> Mus musculus

<400> 1335
 gtctcagaag tcagaagagg tcagtcagct cccctgggtgg agctggagct acaagcaact 60
 gtgaaaacta ctctgcatat tactcttcaa aagcagtaac aagtgatctt ccacccctct 120
 gcctctcctc tgcaagaaca gcaagtgtc ttaacctgtt aatcatggag cattttcact 180
 agcattaaaa aaaa 194

<210> 1336

<211> 193
 <212> DNA
 <213> Mus musculus

<400> 1336
 gtctcagaag tcagaagagg tcagtcagct cccctgggtgg agctggagct acaagcaact 60
 gtgaaaacta ctctgcatat tactcttcaa aagcagtaac aagtgatctt ccacccctct 120
 gcctctcctc tgcaagaaca gcaagtgtc ttaacctgtt aatcatggag cattttcact 180
 agcaaaaaaa aaa 193

<210> 1337
 <211> 193
 <212> DNA
 <213> Mus musculus

<400> 1337
 gtctcagaag tcagaagagg tcagtcagct cccctgggtgg agctggagct acaagcaact 60
 gtgaaaacta ctctgcatat tactcttcaa aagcagtaac aagtgatctt ccacccctct 120
 gcctctcctc tgcaagaaca gcaagtgtc ttaacctgtt aatcatggag cattttcact 180
 agcaaaaaaa aaa 193

<210> 1338
 <211> 193
 <212> DNA
 <213> Mus musculus

<400> 1338
 gtctcagaag tcagaagagg tcagtcagct cccctgggtgg agctggagct acaagcaact 60
 gtgaaaacta ctctgcatat tactcttcaa aagcagtaac aagtgatctt ccacccctct 120
 gcctctcctc tgcaagaaca gcaagtgtc ttaacctgtt aatcatggag cattttcact 180
 agcaaaaaaa aaa 193

<210> 1339
 <211> 196
 <212> DNA
 <213> Mus musculus

<400> 1339
 gtctcagaag tcagaagagg tcagtcagct cccctgggtgg agctggagct acaagcaact 60
 gtgaaaacta ctctgcatat tactcttcaa aagcagtaac aagtgatctt ccacccctct 120
 gcctctcctc tgcaagaaca gcaagtgtc ttaacctgtt aatcatggag cattttcact 180
 agcattaaaa aaaaaa 196

<210> 1340
 <211> 196
 <212> DNA
 <213> Mus musculus

<400> 1340
 gtctcagaag tcagaagagg tcagtcagct cccctgggtgg agctggagct acaagcaact 60
 gtgaaaacta ctctgcatat tactcttcaa aagcagtaac aagtgatctt ccacccctct 120
 gcctctcctc tgcaagaaca gcaagtgtc ttaacctgtt aatcatggag cattttcact 180
 agcattaaaa aaaaaa 196

<210> 1341
 <211> 193

<212> DNA
<213> Mus musculus

<400> 1341
gtctcagaag tcagaagagg tcagtcagct cccctgggtgg agctggagct acaagcaact 60
gtgaaaacta ctctgcatat tactcttcaa aagcagtaac aagtgatctt ccacccctct 120
gcctctcctc tgcaagaaca gcaagtgctc ttaacctgtt aatcatggag cattttcact 180
agcaaaaaaa aaa 193

<210> 1342
<211> 196
<212> DNA
<213> Mus musculus

<400> 1342
gtctcagaag tcagaagagg tcagtcagct cccctgggtgg agctggagct acaagcaact 60
gtgaaaacta ctctgcatat tactcttcaa aagcagtaac aagtgatctt ccacccctct 120
gcctctcctc tgcaagaaca gcaagtgctc ttaacctgtt aatcatggag cattttcact 180
agcattaaaa aaaaaa 196

<210> 1343
<211> 176
<212> DNA
<213> Mus musculus

<400> 1343
aggctcagtca gctccctctgg tggagctgga gctacaagca actgtgaaaa ctactctgca 60
tattactctt caaaagcagt aacaagtgat ctccacccc tctgcctctc ctctgcaaga 120
acagcaagtg ctcttaacct gttaatcatg gagcattttc actagcaaaa aaaaaa 176

<210> 1344
<211> 193
<212> DNA
<213> Mus musculus

<400> 1344
gtctcagaag tcagaagagg tcagtcagct cccctgggtgg agctggagct acaagcaact 60
gtgaaaacta ctctgcatat tactcttcaa aagcagtaac aagtgatctt ccacccctct 120
gcctctcctc tgcaagaaca gcaagtgctc ttaacctgtt aatcatggag cattttcact 180
agcaaaaaaa aaa 193

<210> 1345
<211> 196
<212> DNA
<213> Mus musculus

<400> 1345
gtctcagaag tcagaagagg tcagtcagct cccctgggtgg agctggagct acaagcaact 60
gtgaaaacta ctctgcatat tactcttcaa aagcagtaac aagtgatctt ccacccctct 120
gcctctcctc tgcaagaaca gcaagtgctc ttaacctgtt aatcatggag cattttcact 180
agcattaaaa aaaaaa 196

<210> 1346
<211> 193
<212> DNA
<213> Mus musculus

<400> 1346
gtctcagaag tcagaagagg tcagtcagct cccctggtgg agctggagct acaagcaact 60
gtgaaaacta ctctgcatat tactcttcaa aagcagtaac aagtgatctt ccacccctct 120
gcctctcctc tgcaagaaca gcaagtgtc ttaacctgtt aatcatggag cattttcact 180
agcaaaaaaa aaa 193

<210> 1347
<211> 193
<212> DNA
<213> Mus musculus

<400> 1347
gtctcagaag tcagaagagg tcagtcagct cccctggtgg agctggagct acaagcaact 60
gtgaaaacta ctctgcatat tactcttcaa aagcagtaac aagtgatctt ccacccctct 120
gcctctcctc tgcaagaaca gcaagtgtc ttaacctgtt aatcatggag cattttcact 180
agcaaaaaaa aaa 193

<210> 1348
<211> 196
<212> DNA
<213> Mus musculus

<400> 1348
gtctcagaag tcagaagagg tcagtcagct cccctggtgg agctggagct acaagcaact 60
gtgaaaacta ctctgcatat tactcttcaa aagcagtaac aagtgatctt ccacccctct 120
gcctctcccc tgcaagaaca gcaagtgtc ttaacctgtt aatcatggag cattttcact 180
agcattaaaa aaaaaa 196

<210> 1349
<211> 196
<212> DNA
<213> Mus musculus

<400> 1349
gtctcagaag tcagaagagg tcagtcagct cccctggtgg agctggagct acaagcaact 60
gtgaaaacta ctccgcatat tactcttcaa aagcagtaac aagtgatctt ccacccctct 120
gcctctcctc tgcaagaaca gcaagtgtc ttaacctgtt aatcatggag cattttcact 180
agcattaaaa aaaaaa 196

<210> 1350
<211> 194
<212> DNA
<213> Mus musculus

<400> 1350
gtctcagaag tcagaagagg tcaagccagc tcccctggtg gagctggagc tacaagcaac 60
tgtgaaaact actctgcata ttactcttca aaagcagtaa caagtgatct tccacccctc 120
tgcctctcct ctgcaagaac agcaagtgtc cttaacctgt taatcatgga gcattttcac 180
tagcaaaaaa aaaa 194

<210> 1351
<211> 186
<212> DNA
<213> Mus musculus

<220>

```

<221> misc_feature
<222> (1)...(186)
<223> n = A,T,C or G

<400> 1351
aagtcagaag aggtcagtca gctccccctgg tggagctgga gctacaagca actgtgaaaa      60
ctactctgca tattactctt caaaagcngt aacaagtgat cttccacccc tctgcctctc      120
ctctgcaaga acagcaagtg ctcttaacct gttaatcatg gagcattttc actagcaaaa      180
aaaaaa                                         186

<210> 1352
<211> 184
<212> DNA
<213> Mus musculus

<400> 1352
gtctcagaag tcagaagagg tcagtcagct cccctgggtgg agctggagct acaagcaact      60
gtgaaaacta ctctgcatat tactcttcaa aagcagtaac aagtgatctt ccacccctct      120
gcctctcctc tgcaagaaca gcaagtgctc ttaacctgtt aatcatggag cattttcact      180
agca                                         184

<210> 1353
<211> 100
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G

<400> 1353
gagctctggg gagctcctgc attaagtcag taactgagnt gccctgtaca agactccaac      60
ttgttgaacc accaaaactg cctttggaaa aaaaaaccaa      100

<210> 1354
<211> 424
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(424)
<223> n = A,T,C or G

<400> 1354
agcttggaag aagaatccgc aanatgttgg ggaaatggga aaaaaaactt cccgtaaaca      60
tccaagggtt ggatggaann cntcatttta ntgggacttt tntcgaaggg gccgttantt      120
tgtttncntt nggcnnccagc ctaggatcag nntcagggnn tgggacttna ananagtggg      180
tggaacctgt gntttagnaa aaggtnngng ntacctactt cnaacccttt tttggagcaa      240
aaggtttcaa gccttggggtt taaaagtcca aagccttgga aattggggcc tccgcnttgg      300
ccatttttaa aatggggcgcg ccctcgaggg ggaaatttcg gggatcccgn gcggcgccca      360
tttaaaaatn gggccggcctt attgggccca aattcttttt ggcgtttttt accctgggga      420
aaag                                         424

<210> 1355

```

<211> 110
<212> DNA
<213> Mus musculus

<400> 1355
gattaccagc tgctgcccc agaagagcca ctgtccacag aggaacctga tgcgaagggt 60
taccaagtag atcccaatgg tgaaagccag ctacacccca aaaaaaaaaa 110

<210> 1356
<211> 183
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(183)
<223> n = A,T,C or G

<400> 1356
caaccttttt gagcaagttc aagcctgggt ttaaagtcca agcttgnaat tggcctccgc 60
ttggggccatt ttaaaatggg cgcgccctcg agggaaattc gggatatnccn gcgcccacca 120
ttttaaaant gggccgccta tttngccaaa atcttttttg ggntttttac ccctttggga 180
aaa 183

<210> 1357
<211> 257
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(257)
<223> n = A,T,C or G

<400> 1357
taagcaatgg catcaaccat tccccctcta ccctgaatgg tgccccatcg ccaaccacat 60
tgccggccag cgaggccaat tcagcttgga cttaaccagg ctgaacttgc tcaaaagggtg 120
gggactaccc aancggggcc nnttntggaa ctngaaacca ancctcncct tttnccaaag 180
gaaagntgnt aactnngcct nntnncnngn tttntgntaa anattnggtt nnaccttttg 240
agcttggtta gtttacc 257

<210> 1358
<211> 132
<212> DNA
<213> Mus musculus

<400> 1358
taagcaatgg catcaaccat tccccctcta ccctgaatgg tgccccatcg ccaaccacat 60
tgccggccag cgaggccaat tcagcttgga cttaaccagg ctgaacttgc tcaaaagggtg 120
gggacaaccc aa 132

<210> 1359
<211> 132
<212> DNA
<213> Mus musculus

<400> 1359
taagcaatgg catcaaccat tcccctccta ccttgaatgg tgccccatcg ccaaccacat 60
tgccggccag cgaggccaat tcagcttgga cttaaccagg ctgaacttgc tcaaaagggtg 120
gggactaccc ac 132

<210> 1360
<211> 396
<212> DNA
<213> Mus musculus

<400> 1360
ggtagaaaaa tgcagagcaa taaagccttt aacttggaga agcagaatca tactccaagg 60
aagcatcatc agcatcacca ccagcagcac catcagcagc aacagcagca gcagcagcaa 120
cagccacccc caccaatacc tgcaaatggc cagcaggcca gcagccagag taagtagctg 180
ctgggtgatg ggaggatgca aacagggtcc cctgggaatg attttatagt ttttaggcaa 240
atctcttagg attataagtg aacaggcctt tggtagcata cttttgtttt tacttttttt 300
ttccgagaga gcgtcaagac aggtctctctg tgtatcccta actatcatag aactcactct 360
gtaggcagggt tccttagaat tccacaaaaa aaaaaa 396

<210> 1361
<211> 160
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(160)
<223> n = A,T,C or G

<400> 1361
gccttgcata attatctagt tctctctctt tctctctctn ttccccatct ctccctctct 60
ttctccccac cccggaggta ttggtccaat ttttcttgta aggnaaatat ttgaatcctt 120
cccactttga attctaaagg aacaaaaacc attgtgaatg 160

<210> 1362
<211> 134
<212> DNA
<213> Mus musculus

<400> 1362
taagcaatgg catcaaccat tcccctccta ccttgaatgg tgccccatcg ccaaccacat 60
tgccggccag cgaggccaat tcagcttgga cttaaccagg ctgaacttgc tcaaaagggtg 120
gggacaaccc aact 134

<210> 1363
<211> 131
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(131)
<223> n = A,T,C or G

<400> 1363
taagcaatgg catcaaccat tcccctccta ccttgaatgg tgccccatcg ccaaccacat 60

tgccggncag cgaggccaat tcagcttggga cttaccagg ctgaacttgc tcaaaagggtg	120
gggactaccc a	131

<210> 1364
 <211> 132
 <212> DNA
 <213> Mus musculus

<400> 1364	
taagcaatgg catcaaccat tccccctccta cctgaatgg tgcccatcg ccaaccacat	60
tgccggccag cgaggccaat tcagcttggga cttaccagg ctgaacttgc tcaaaagggtg	120
gggactaccc ac	132

<210> 1365
 <211> 114
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(114)
 <223> n = A,T,C or G

<400> 1365	
ggaacccttt tgagcangnt cagcctggtt aagtccaagc tgaattggcc aattcttttg	60
ctttttaccc tggaagaaat actcataagc nacctctcgt ctttaacccc cagt	114

<210> 1366
 <211> 382
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(382)
 <223> n = A,T,C or G

<400> 1366	
gactgagatt atcttgctaa tcattggcccg attaatgaa tctgaagcca ggagaaaatt	60
ctggcaaatt ctgaatgatg aaaaaataa ggnatgctcg gaangtnggc gcttcagaga	120
cctgaaggct ttnaatctcn ngctgnataa catcctgaat atcccaatat gcaggcctca	180
acagatacca ngaagactga aataatccca tatatcctat cagatcacia cggactaaga	240
ctggctcttaa attccaacaa aaacaatgga agacacacat atacatggaa gctgaacaat	300
gctctattca atgataactt ggtcaaggaa gaaataaaag aaattaaaga ctttttttga	360
atgaaaatca ttaaaaaaaaa aa	382

<210> 1367
 <211> 124
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(124)
 <223> n = A,T,C or G

<400> 1367
 ggtcgcgtag acctacacta gctgagggctg ctggctgggt tcccagtgat ggaaancgag 60
 ctagagaatt tatagactct gattttttcag aaagtaaacg aagcaaaaaa ggagaaaaaa 120
 aaaa 124

<210> 1368
 <211> 137
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(137)
 <223> n = A,T,C or G

<400> 1368
 cacagcatgg caacagtttt cttgcattgn ncaacttcac tgcactttcc gancctnadc 60
 caaatattnc taancggana annacccgcg aataanaatt cgggaaaaca gatgtcaaag 120
 gctttccaga cagaaaa 137

<210> 1369
 <211> 102
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(102)
 <223> n = A,T,C or G

<400> 1369
 ggggtaccctt tttggaaaag atggtgtatt aaaccagcca anttntgnct nnggactnat 60
 ccttttatat actacngtta tnacgttggc atgacagcca gc 102

<210> 1370
 <211> 491
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(491)
 <223> n = A,T,C or G

<400> 1370
 aaggaactgc tgacctgggt atgtccgtgt tccggctggg tgaccatgtg tggctggacc 60
 ctccctccag cagcaagact ggtgtggcca ttgggggcat tgtcaaagaa acaaaactgg 120
 naaagacctt gattgaggat gacnagggca aggaacactg ngctccatgca naagacctca 180
 gcaccctcag gcctatgcac agccaactca gcccaaggag tggntgacat gatccgccta 240
 ggggacctga atgaggctgg tgtggtgcac aacctcctga tccggtacca gcagtacaag 300
 atctatacct acacaggctc cctcctggtg gctgtgaacc cattccagat gctgcccctg 360
 tacaccctgg agcagggtaca aatctactac agccgccaca tgggagagct gctccccac 420
 atcttcgccca ttgccaaacag ctgctacttc aacatgaaga agaacaagag ggaccagtgc 480
 tgtatcatca g 491

<210> 1371

<211> 134
 <212> DNA
 <213> Mus musculus

<400> 1371
 ctagactgag acccttggtg ctccacttct gagcatctgg atgtctctgc agtggttgggg 60
 tactactagt gtgtctgaag acagctacag tgtactcata tcaaataatat aaatatttag 120
 gggaaaaaaaa aaaa 134

<210> 1372
 <211> 453
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(453)
 <223> n = A,T,C or G

<400> 1372
 gtggctgctg gtccagggtg ntgcccagcc tggtaagact naagagcctg tacgtcgcan 60
 naggcangact nctcancccn gcnaganact cccaantgtg antaactaga ngacttatgg 120
 tgggcaccan nggagnctca gnngagtgnn aggnacaggg aagaantgct gccaggacgg 180
 anngcacaag gaagccnttg gctgnctgta atgngcatca ggaccagaat ccaagnataa 240
 gaggttacga gttctgacag cntctnactg ncatcatcag agcagcttat ggcacagcct 300
 cnanagagat nggcttccan tgcttctata ggcttgggta gccagataa cagtttaaac 360
 tgagcagttg acttgagagt ntcacctttc ctcaaacaaa attcttttagg gncacacccc 420
 aacttacttt taaaagtcaa gaccacataa cag 453

<210> 1373
 <211> 170
 <212> DNA
 <213> Mus musculus

<400> 1373
 gaactgaggg ctcccagatg tgtggaacta cccctggctc tatagctctt tgtcaccgtc 60
 ttcttttctac cttctgagag accccgaaac ccttgccatg gaaaagtacc accgttttgg 120
 agatgattgg agaaggctct tttgggagag tgtataaggg ccgaaaaaaaa 170

<210> 1374
 <211> 127
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(127)
 <223> n = A,T,C or G

<400> 1374
 gaatcttgtg gageggctgg ggatgaggtt cggnggcagc agagtgttgc cgancatgtg 60
 cgaggcccca ncttccatcc ctgcaactat aagannagaa aataccncta aaacaggata 120
 cgccttg 127

<210> 1375
 <211> 300

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

<400> 1375
atgatgcctt atttctaggg ttcaacctgg aganngtagt ctgngaggat tgttacgntc 60
acgtnaaaac tgtcctagag gactcagctg aanaacatgc tcnncgattn ggatcctatg 120
ctaggatcng cnnngtaacca nntctgtttg cctgtttttg atagnaatga tcccnatttc 180
canatgcctt gntcancagn tgtnggnctt gacgatatta tggatgaagg agttgtttaa 240
gaaagnggna nngataccat tgntgaanaa gaattgattn tacctaacag gagtttgagg 300

<210> 1376
<211> 408
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(408)
<223> n = A,T,C or G

<400> 1376
gaactgagta cccgctgctg ccggtcaccg cggganaaacc gnccaacccg tctggaacca 60
ccgaatgggg cggggcctcc gccctcaccg tgaangctct cgggagcatc cnaatgcctt 120
gaacaaagat ggccggacgac gctcaccgnc tgaaccaatc ggaaggcaac ttgttaggac 180
ttcggagaac gttgtcgcga gaggagagga aagggacggt actgtctctc tgtgcgtgcc 240
tgtgtccgag tgtcgtgaga gtanagggga aaggaacaga acatgtgtgt gtgtgtgtgt 300
aattttagcc tgctacttgg catctgaaaa tttgggggtct aatgtaagag accgctagga 360
agccggcgat gggcaatgaa ttctgtctct tgttttgaaa aaaaaaaaa 408

<210> 1377
<211> 273
<212> DNA
<213> Mus musculus

<400> 1377
gactgagcaa gacacccatc tgcccagcga cttgtgaaag caaaggtaaa ggtttcctga 60
gatgagtcct ctccctggctg gctctcgctg ccctgcatct cgaactccag accatagaag 120
gaaacaggac caaaacccct gacccagtca gccttcagag tttctgtttg ctatgggaca 180
tcaccccatc gtttctaaca gtatctggag gaagagagtt cacagccaat tcctgctaata 240
aaagtgcctc tctgtaagac aaaaagataa aaa 273

<210> 1378
<211> 116
<212> DNA
<213> Mus musculus

<400> 1378
gactgagccc cctgagggga attcttgtgg agcggctggg gatgaggttc ggtggcagca 60
gagtgttgcc gagcatgtgc gaggccccag cttccatccc tgcaactata agaaaa 116

<210> 1379

<211> 413
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(413)
 <223> n = A,T,C or G

<400> 1379
 cttccttgca cagacatttc ccaggaccca gcttgtn gca aaagagggag ctaagaggca 60
 caccgcaggc accatgggcc gcctgttggc ctccgaagta cagcagctac tccacaacaa 120
 gtttgtgggc gtccttgggg actctgtgca tagggcggtg tacaaggacc tgggtgctcct 180
 gctgcagaag gattgcctgc tactaaciaa gcagctcagg accaaggggg agctgagctt 240
 tgagaaggac cagctgaaga tgggaggcga gctggatacc ctgcacaacc gcacgggacta 300
 ccgcgaggtg cgcgagttct gctctgacca ccatctggtg cgcttctact tcctcacgcg 360
 ggtctactct gagtacatgg agagcgtcct agaggagctc caatccggca atc 413

<210> 1380
 <211> 290
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(290)
 <223> n = A,T,C or G

<400> 1380
 gaactgagtt gatgtgtctc agtgttttgc ctgactgac atctgtatat cgcgtgagta 60
 cctggctgta gntccccctc cccagcctg aaacctgctt gctcangggg ggagcttgcc 120
 ggctctatng atctgccaca gccactgct agaacctgcc actttgctgt tcggagccgt 180
 gcaccggtgn caccctgcta ttggaccca agactaantg gcgggaatcg gncccccttc 240
 cnetgcttta taactgcgng cagaacagta aaattgagct ttgatcagaa 290

<210> 1381
 <211> 243
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(243)
 <223> n = A,T,C or G

<400> 1381
 tgaggtagca gatgcgggtga nggcggcctn ataantgaca gngggctnng cggacntgng 60
 cctnngtgga ttcattgctct ncagaannan cgaaacagaa gcaatgagcn gaatgactgc 120
 ccagaatttt gggctcttct tttgctanag ggtngaggag agntgcntta nanattacta 180
 ttgctntata attaggttta ttttnacaac ataccantaa accactagaa aggaattttt 240
 gtg 243

<210> 1382
 <211> 292
 <212> DNA
 <213> Mus musculus

```

<220>
<221> misc_feature
<222> (1)...(292)
<223> n = A,T,C or G

<400> 1382
caaggggtttc atgactgann gtcagcgggc tgntaagatt aaacagntgt gcangnnctc      60
cncctctgact agantggcta cntgctgttn nctgancct nctttnntga gantttgctn      120
cnngantgga cancctgagg acttggcgac ctagtgtctaa cagctctgac agactagtgc      180
taacaactta gcagcaaagc atcaagaanc ctgggggtggc aggggatggg cctccccct      240
ttataagagc agactcttag taaactttgg gccatgattg gaaaaaaaaa aa              292

<210> 1383
<211> 119
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(119)
<223> n = A,T,C or G

<400> 1383
aacttggttg ctcaatccct cancatngga ccaagaatac naanataaca atgtnggcnc      60
tgagttanta caaaaggntc ctgnatttaa ctgtcctcct tatatatgcc caatgaagg      119

<210> 1384
<211> 160
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(160)
<223> n = A,T,C or G

<400> 1384
gcagtatctt ccttgntntc accttgctac tgnccgagaat gtgnccatca tgnctgangc      60
catgngttgg aatgnatacn cttgatgcgg ctacctgccc attncaacca ccangcgaaa      120
cattcggatn gagcgagcac gtactcggat ggaagccggt              160

<210> 1385
<211> 328
<212> DNA
<213> Mus musculus

<400> 1385
aactgagttg agaggatgcc ccacttcag gcgcagcagc tgcacttgct cgaagcgtct      60
ttgcagatgc agccctgaga gcaggagcag cagcttttct tgcaggaggt gcatttgcag      120
gagccggagc aggatccatc tgaagcacag gagcagctgg gagtccatgg ggagtggagg      180
cagcagttga agatcgatga gagatgatgt tagagttcta ggaggagcgt gagcacacct      240
tgtcttctga cctctataca tgcgcaccca ggcatgcccc actaccacat atacacaaaa      300
taaattgtaaa aacattttaa aaaaaaaaaa              328

<210> 1386
<211> 508

```

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(508)
<223> n = A,T,C or G

<400> 1386
gaactgagggc ccagagtgat ggtgtagtg ggagaagcag catcaggaga acagaagtgc 60
caaagccaga aatagatttg tagagagcag ccatccagga agaactgacc tgttaagaag 120
caaccaatcc ggggctgttc ggttacatcg agtgatgttt ttctggacgc tgtcttgtga 180
gagggcatgt gacgttttac tgaacataaa cacttgagcg gactcatgat atttaggaag 240
aatataaata gagccccaca aacactgaga aaacgcgctt gcattgcagt accacgtact 300
tctttgctgg tgttcacttt gtagagagaa acacaccaa gaacttctca tggatttcgg 360
gctgattctg gccgcttctg ctaactgggtg ccaatttggc tgagccttgc tgtttctgct 420
ggattgngcc actactgctg attcatggtt ggtgtttgct atttaactgg actgttggtg 480
tccgacaata aagattggaa ttacccca 508

<210> 1387
<211> 242
<212> DNA
<213> Mus musculus

<400> 1387
gcatcccaaa tgatcctgaa ctctgaatc tcatgcttct accttccact gggattacag 60
agaaatggtg ctggttgaaa actgctgcct aaacaagcaa ctggcttcat gaagcagtaa 120
caaaaggatc atcagaactc aatgagagca gactatgaca catttcattt agctgcgaac 180
agagacaaaa taatatgcac tcttttccag tgaaagatag aaccattatg gaaaaaaaaa 240
aa 242

<210> 1388
<211> 345
<212> DNA
<213> Mus musculus

<400> 1388
ctgaggctgc gcactctggc caggcaagct tccagtatcg aagctttcgg ctccaagtgc 60
attcttgacc tcacactgaa caaccacat cctgggtactt tcctgcttat ggttcctcag 120
cctaaagact cgccatcctg atctacatcg gccagagacg cagagttagt gctgctatcc 180
caagaggcaa tacagttgtg ccggccctga acagaaaacc tggaagccac aacagagagc 240
aagcatgaca gcaaagaatt tgtatcaaaa tcaaaagaat ctaattgcct tccagtggca 300
tctctgggca tttcttatcc aatacaggat ataaaacaca aaaaa 345

<210> 1389
<211> 108
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(108)
<223> n = A,T,C or G

<400> 1389
aacagtatca cccccagct tgcagcttca agntcnactt cantttgatn nngctatnan 60

ttcancattg gctcatagag tcaggaacag agtcaatact caggggct 108

<210> 1390

<211> 179

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(179)

<223> n = A,T,C or G

<400> 1390

gaactgagggc aggctttcac tatggtagtc ttggctagcc tggaacacac agagatgtat	60
cttccccctgc tgggattaaa ggcctagctc acactancca gaattttaca gaagaagaag	120
gaggaggagg aggaggagga ggaggagaag gaggagaagg agaggagaaa gaagaagaa	179

<210> 1391

<211> 176

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(176)

<223> n = A,T,C or G

<400> 1391

tggttaagag cggagactgc ttttccagag gttctgagtt canntnctag caactcacat	60
ggttggcgtc acaaccatgt gttatgggat tcgtntgtcc tcttctggca gtgtactgaa	120
gagagtgtac ttagcntnca ttanataaat aaataaataa atctttgaat aaaaaa	176

<210> 1392

<211> 328

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(328)

<223> n = A,T,C or G

<400> 1392

acctacatca gcctgggtgc cctagggcac tgtatgaaca aacctgagtt aatcttcaag	60
ntggancnag gactcggggc atggagtgtc ncagaancct nanacaggaa cctntcagat	120
tnntnnatat ngactgnccc aattgtnacc ngncntanaa atcacaaggc ntatatgtgg	180
caagcttgaa ccacngaata taaggcatca aatgaaaaga ttgcagantc accaggagca	240
acanaanatc catctgggnc aaaatcctgc agaaaganaa gcacatgggn aagacatttt	300
tatcagaata gnccagatat ctggaatt	328

<210> 1393

<211> 277

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(277)
 <223> n = A,T,C or G

<400> 1393
 ttccttataa gccaananga gacagcactg tgacagcncc gngacttcac ccagcactta 60
 ggagacagag aaagctgcag gcntcaatcc gatcagaaaag cngttcgact gtcctatagc 120
 agttacacac cttttgccta gcggatgggtt ggtttgtgcg tcagcttgat agaagctaaa 180
 gtcattggag agaaaggagg ctcaattgtg gaaatacctc catgagatcc agctataagg 240
 cgaaacccca gagaaaccct gtctcgaaaa accaaaa 277

<210> 1394
 <211> 214
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(214)
 <223> n = A,T,C or G

<400> 1394
 gagacagaga aagctgcagg cntcaatcca gatcagaaaag cngttcgact gtcctatanc 60
 agntacacac cttttgccta gcggatggtn ggnntgtgcg tcagcttgat agaagctaaa 120
 gtcattggag agaaaggagg ctcaattgtg gaaatacctc catgagatcc agctataagg 180
 cgaaacccca gagaaaccct gtctcgaaaa acca 214

<210> 1395
 <211> 511
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(511)
 <223> n = A,T,C or G

<400> 1395
 gactgagatc tgtgttggtt tggagacaag gtccatccaa gctgggaagc acttcttgtg 60
 ttgttttttg aagacagatg ctgggcatat gtcaactggc ggtctttcct ctcatggaaa 120
 tcacattgaa actcccaca accacagctc tgagcagcgt gggaagacaa agacagctgt 180
 gcccgctggc ggccctcagat gttcccacag cagcgctaca ctgcagggtc cccaggggna 240
 tcaaatatgc agaaggatgt tggagtcctt tgtatcacag ccagaaatgc catgtgctcg 300
 gcgttggatc gcaactgggt cttgttctct ccagtagaag attgtcaacg gaacatgtcc 360
 tctgcacagg aggtggtaaa aatggagccc tctatgattc tgaggntgat gatctcatct 420
 cagaaagact ctgacagtgc tagtcctggg ctggtactta aaagaaacct gctgcctttt 480
 ctgtttttga ggatgaaaat attgtaaggg c 511

<210> 1396
 <211> 147
 <212> DNA
 <213> Mus musculus

<400> 1396
 taaatgcacg gaaaatttct ttaggatcct tgaaagaatt ctctggcaga gagcacatct 60
 tgttttcggc cggcatttgt tcgtcgtcgt cgtcgtcact acctacattc ccccgccgtg 120

ttcacatatg aaaacaatta tttctca

147

<210> 1397

<211> 473

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(473)

<223> n = A,T,C or G

<400> 1397

gaactgagct	ctgtggaaaa	ggctactttc	agatggccaa	gggctagcta	gtcagtttca	60
gttgagcac	agcctgttgg	agcaacactg	ggggtctgct	gctctgaatt	tatgtcttca	120
acaatcagac	caccttctag	caagacaaag	ccctccaaga	agaaatctga	gctgagggtta	180
tctagggacc	acatatacc	ccccccant	ttcaagnaag	ccattntgta	ggaggcaacg	240
gngnctgggt	caaannaang	ggctttgttc	ccanaccacc	accattnctt	gnacggtcac	300
aggagcattg	gcagnttcac	cctntgggcc	tnagtttcca	tntntggact	gctntcctgg	360
ctcctggttn	tgggtctggc	ttgtctttgg	gggcagcana	aaacgacncc	atggccttgt	420
ttcgctagct	agggggcctt	gttntccagt	ctccaactcc	tccatgtcaa	ggg	473

<210> 1398

<211> 521

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(521)

<223> n = A,T,C or G

<400> 1398

tgagatccca	agactaccag	cccagnngat	ggncccaccc	acaagggggc	tttccctctt	60
catcactaat	tgagaaaatg	ccttacagct	ggatctcatg	gaggcatttc	ctcacctgaa	120
gctcctttct	cgggtgataa	tgcagctgtg	tcaagttgac	acacaaaacc	agccagtata	180
ggtttcttag	attaactcaa	agaaatgcct	tttggggact	gtctgagaat	catgcatgtg	240
tcaccccatg	gagactgctg	tcttgttcac	gaccgcctgc	ctcatgcatt	caggctggtc	300
tgaatcctgg	ctctgcagct	aaggctgcct	gagcttctga	tgccgtcacc	ttcactgtca	360
ccaggattgc	agtacctttg	tatgcagcgc	tgggatcaaa	cttctggctt	cctgaactag	420
acaactactc	tgctgactga	accatacacc	caatccagag	cataaccttt	tggggctata	480
gatatgtttt	agaagtgact	gaagtatgtg	ccttttccaga	t		521

<210> 1399

<211> 178

<212> DNA

<213> Mus musculus

<400> 1399

cctcctcagc	cagctgggtc	agcccagcat	cttcgatacc	cagaaagggg	ttctctttgt	60
taagccaggc	tgtcctggaa	ttcaccatgt	ggagcagggt	ggccttgaac	tcaaaaaatc	120
cacctgcctc	ggccttccaa	atgttgagat	taaagatgtg	caccgtcaaa	aaaaaaaa	178

<210> 1400

<211> 242

<212> DNA

<213> Mus musculus

<400> 1400

gaactgagaa tgaattctac catgtgtaag tcagtgaccc tggctgagct ttgtggacgg	60
agcaccgtga caccggggca gatcctagag acagtccaac atgacagaag gacataaatg	120
actcttgaaa attgtcctct tacctctgcg tgcacaccgg tgacacatct gccagcatgc	180
tcacataaat gtaaaagata tgcacaatta ccatgtatca attaaagcta aagttatgga	240
aa	242

<210> 1401

<211> 161

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(161)

<223> n = A,T,C or G

<400> 1401

cccatgtgga tggggttngt gcctgccttt gaaggatgatc ccganccgaa ctccagagggc	60
acctcctttt catgactcct cacctcccag ccgcccntga tgcccatttt ctgggggnac	120
catgaagcct cccacatntg aattaccttg cctgtatat t	161

<210> 1402

<211> 346

<212> DNA

<213> Mus musculus

<400> 1402

gctcgcttct ggagagattt gtgagacatg ctgatgctgg gacaaagaat ggtgctgaca	60
tgagctttca gagtactctg acaacgggtga ctgggaagct gttttggaca tgtgttcctg	120
ccccaccctt gcttgcttat attccagatt ggataaactg ctttccttca agctttttaa	180
cctttagagg cagagaacat gaagactgga aaccaccttc aaaaacttaa tctccttggg	240
aggcagaggg agggagattt ctgagttcaa ggccagcctg gtctacagag tgagttccag	300
gacagccagg gctacacaga gaaaccctgt cttgaaaaaa caaaaa	346

<210> 1403

<211> 108

<212> DNA

<213> Mus musculus

<400> 1403

cggaagttt agagaagctg acaagtacaa tttgaacagc caccatcctc tgaatgtact	60
ggagcaggct actattaaac agtgtgtggg gggacccaaa aaaaaaaa	108

<210> 1404

<211> 206

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(206)

<223> n = A,T,C or G

<400> 1404
gactgaggct tgggtgcctgc agagncagga gnagagaaga cagaggagca tgtcggctcc 60
cctgagattg gagtgtgagg tcgttgtgag tcaccatgtg cttgctccga actgaaccta 120
ggtcctctgc aggagactct taattcctga gtcactcttc cagcttctgg cattagtact 180
tttttaatgt gagaaaatta aaaaaa 206

<210> 1405
<211> 502
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(502)
<223> n = A,T,C or G

<400> 1405
gaactgagag ttctgatggt cagtcaacac naagncggcc ttgcgtctgt ggggtgttggg 60
gactccattc taaagatata aaangtgaaa gaggtgatng caaccnagan tccttcttat 120
gctaaggatn ctattncaga ngtggattng agaccatntc tgagaccatn nntnctcgng 180
ttgtntctgg nnagtatnac gtcaaggaag agctnctctg ncntctaacc tgcnggtntc 240
acccctnagg tttaatgctg actgcctctc cctggatnta aaggagtgtt tacacaccag 300
tacctgtgcc tcagtaccct gtcaattatg aancagtagc gcgatacaga ctcaccngct 360
gaatctgtga cttggatgca aggggctnat gttaaagganc ntttaattcc tanccttaac 420
ttgatccttt tgnancttgg naactggaaa tttcatttan gcanntgcac ntgatcccta 480
aaagacacat tgcctatcct tc 502

<210> 1406
<211> 363
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(363)
<223> n = A,T,C or G

<400> 1406
gacgtctggg gagctcctgc attaatgcag actgaggngn nnttcgggct gnnagnagagn 60
ctgcgcnag gcatnntta cttcttgcn aacctctona nggncaggac angacngggc 120
ccannaggtc tgaactgtct tcagtatcat ggagcctcct ggagagaagc caggagagggc 180
tgaggcgtg agcatcacac cccagctgct gaagtccac tcaggagaat ttgccctgga 240
ttccatcctg ttgctgaagc ttcgggggtt aggggtggtg gacctgggtt gtttggggga 300
gtgcctgaac cttgagtggc ttgacctatc aggcaatgca cttaccacc tgggccctact 360
ggc 363

<210> 1407
<211> 135
<212> DNA
<213> Mus musculus

<400> 1407
agactgaggt gttggaagtc aatagggtgt ctggcttttc cagggttaaa atcgggtcat 60
tagattaaaa tgttcctgat gccaacctct tcagaattaa acagtgggca gaatttccta 120
acccaaaaaa aaaaaa 135

<210> 1408
 <211> 150
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(150)
 <223> n = A,T,C or G

<400> 1408	
gaactgagat ccagatgnag aactcnaagc tcctnctcca gnatcatctc tgcctacatg	60
ctgnctgtct tctnaccatg actataatag actaaacctn tgcactgtaa gccagcccca	120
attaaatatt ttcctttata aaaaaagaaa	150

<210> 1409
 <211> 235
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(235)
 <223> n = A,T,C or G

<400> 1409	
ctgagcgata atggacnaga gacctctgag cttegtacag cgtaggcccc acttanaccg	60
nttgncnagg ctanaagaca taaacaaaac ccagcaaaaa acgttatgca atagaactan	120
ntttnaccgg gggntctaaa ggctgggatt ataatgagca gaacacagnc tgtgttttct	180
gtgttcaaaa gcangactga gcattttggn gaagatttgga gaagaataaa aagca	235

<210> 1410
 <211> 482
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(482)
 <223> n = A,T,C or G

<400> 1410	
gactgagggc gccctctgct gtcttcaact tgaagttcag aggagaaagg aaagtccatt	60
aacaacaaag gacttgaaga ggatgctgac tgctaaccac cttcaccaca aacaaccaat	120
gtgattggaa ggctgagtcg cttcatttaa ctggaagttc tacagcgtga ggcattcatt	180
taggccacag gaggcacacc agagagcagg ctttcttcta tccagacaga taaacatatg	240
aagacatcgg ccaaaggaac caagccctn ttgtgaaagg aatcaaactc agcgccctnct	300
gcatgctaga caagcactct accactgaat ctccatcaag cctagcaatt ctctgtgtgc	360
aaacagaccg tcgtccctca tttatcgctg caccactcgg tgtggatttg agctgccagc	420
tgcttccaac ttgaaggtgt attattacta aaatctctgc tttgaacaac ctgaaaaaaa	480
aa	482

<210> 1411
 <211> 564
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(564)
 <223> n = A,T,C or G

<400> 1411
 gaactgaggc tggacgacgt ggctgcaaac cccagagcgc cccattcaaa ggctccgctg 60
 tatccaggag tgttttttctt cgggtgncaat cccgagacca cggtcaccgg gttacctgcc 120
 gggcccacag cgaggcacct tcgtgaaact cgagagctct ttctaccgcc tcaaccgtgt 180
 tatgtaagtg cgcaggccta gcacagcccn ctctcgacn atccccctgta naccgcagct 240
 actggagtct tcacccttga cctntaccga gtttgtaact ttncctagcct tcctcctgat 300
 tctccggctg tcagcagttc caatccaagc ctctnactc tnagnttggc actcggctgg 360
 ctatnnttnt tttttctcc cctcaaaaac tggatcttag ctttctcaa tttgttaaat 420
 ttttaaaaag nttttaaaaa tagnnctga ctgaccctgg aactttgata tgaaaggagt 480
 aggaaaagtc atgaggcttg cagcaattcc tccctgtttc tgaanctcta aaagtnttac 540
 cgnccccctga aaggggctgg ggat 564

<210> 1412
 <211> 364
 <212> DNA
 <213> Mus musculus

<400> 1412
 agactgaggt gagactgaga tctccagtc aggatttccc ctgggtccagc aatcttgttg 60
 gaatgccttc ggagcatcac tgatccaggga gctgaccttc tgtcatttac atggcgctctc 120
 cttgatgaaa tattctccag ctgcttaaga acatagtga cagtttctca cggattccaa 180
 cttgaacaaa aatcacacct ccctccttgt tcaacagacc cccaaagcat ctacttttcc 240
 aagtacacac actcaggagg cagagccaag tggacctttt gagttcaagc ccaacgtggg 300
 ctacaaaagca agtttcagga cagccagggc ttcataaata gatcttgtct caaataaaaa 360
 agaa 364

<210> 1413
 <211> 203
 <212> DNA
 <213> Mus musculus

<400> 1413
 gaactgaggt tatactcatg gcacctccaa gtgaggagac acctctgatc cctcagcgct 60
 cttgcagcct ctcatcctca gaggcaggag ccttgcatgt gctccttct cccgggggac 120
 ctgggcctcc ccagcgattg tcattctctt ttggggacta cttggctgag gatttatgtg 180
 tgcgagctgc caataaaaaaaa aaa 203

<210> 1414
 <211> 507
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(507)
 <223> n = A,T,C or G

<400> 1414
 gaactgaggt ggggatgccc ctcttccanc acttnggcag tcacgagcgg ngatgctctt 60
 gccaggcacc agttggagct ctctggctccc tcgtcaggga tgggagccca cgtccgcatt 120
 ctgntctcag cactgggact cctggcttga acccgtgcag gccctgagcc tgcgcccaca 180

gcctcatgcg	agcacagntc	atnagtcctc	ttgngtcctg	tcgacacgca	ngtcaagcct	240
cccactgctt	tgcttctgag	cttggtgnct	cacttcctct	gagggcccagc	gaaccagac	300
accttctagg	aaggtgagaa	ggcagcacta	ggaagacctt	agatcacttt	atcaccattt	360
aagcttttnc	agccccaac	ctttttaatt	tgcatctacc	aaccttgaaa	catcttntta	420
ggtcctaaaa	catgttctta	gacccttaca	actnaagcct	ctatatnctc	agaccttaaa	480
taaactttac	actttttttt	tttttta				507

<210> 1415
 <211> 478
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(478)
 <223> n = A,T,C or G

<400> 1415	
gaactgagca	ctgtaagtct
actaagaagg	atcttctgtaa
gctgtacaga	gagaccctac
cgctgctgct	gtcgtcatca
aaaaccaagn	tnnatttatt
gacgnnttca	tatcttatta
ganccctact	cctgcctnng
ccggntngtt	gacnganaan
	cgagagatgt
	ctcgtctgct
	cagaataact
	gcagggct
	60
	120
	180
	240
	300
	360
	420
	478

<210> 1416
 <211> 332
 <212> DNA
 <213> Mus musculus

<400> 1416	
gaactgagcc	tccccagcc
agcatgagac	cacctggggt
gctgctgctc	gtctccaaga
cagcatccag	ccgatcacct
ggcgggggga	ggaatggtgg
agtaaacctt	ggggccttga
	acagaaaaaa
	aa
	60
	120
	180
	240
	300
	332

<210> 1417
 <211> 526
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(526)
 <223> n = A,T,C or G

<400> 1417	
gactgagggt	ttttattttt
gccctgggga	ggcagaaaca
gccagagcta	cntgaagaaa
tanacacttt	ctccaatgta
gtcacagagt	gctggctant
	tttgtatcan
	cttgacacaa
	gctanagtca
	cttgaaagga
	60
	120
	180
	240
	300

gggaatctca	nttgcaggaa	agccacttaa	aatccagct	gtaagacatt	tccttaatta	360
gtggttgaca	tgggaggact	gagccattg	tgagtgggt	tatccctgga	ctgggtggcc	420
tgggttctat	aacaaggtag	ctgagcgagc	catagagagc	aagctcttgc	ctccaggttc	480
ctgccctggt	tgagtttctg	cctgacttc	ttttgatgat	gaacag		526

<210> 1418

<211> 175

<212> DNA

<213> Mus musculus

<400> 1418

gaactgagga	acaggggtgag	gacatgaaag	tgtgacaact	gattgaaaag	gaagttgaca	60
tccatcgtga	acagagaatc	ctgtgatttg	gactaatctg	taccctggaa	ggttatcttg	120
tacccctgc	cctccaatga	attgtagata	aaggagatga	attgaaaaaa	aaaaa	175

<210> 1419

<211> 184

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(184)

<223> n = A,T,C or G

<400> 1419

atcttctggg	ctcggncctg	ctgtcggacg	gggaagctta	nggggtatta	gctccagnng	60
aagctgcgct	ggacgacgta	caaaggagga	tctgccgcct	gntnttggaa	gtactgcagg	120
ttgagctnca	gccctgatn	tccgntctgc	cctcgcnccg	gnggctattg	agttctgagt	180
tgct						184

<210> 1420

<211> 234

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(234)

<223> n = A,T,C or G

<400> 1420

gactgagggt	aattttggaa	tggtgtttgg	cgtgattgcc	atgttcagct	ctttttttct	60
ccttgaaaaa	acactgatgc	agactttggc	acaaatgatg	gctgactctc	cctctcctta	120
ttcttctct	tccttctct	cctcttctc	ttcttctct	tccttctct	cctctctct	180
tcacaaatga	caggtgttgc	aagttgtggg	nnncggaata	aatttacctg	taac	234

<210> 1421

<211> 409

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(409)

<223> n = A,T,C or G

<400> 1421
aactgagtc tgcactctgg tgagtcantg aaatgtatag ctcatgtgtg ccgaagngga 60
cantttcctg gaaaacagct ggccaaatgc ctgcctttna ngtgaacatc ctncceggng 120
aaggtctttn ttagcaccat ccanntnanc nctggtcatt tctgcagtc accgttcctg 180
tctatngctn agtaanattn tagaaaaatc aggnntgann ngagagccaa gccttactgc 240
tcccaccact gtattcatgc cggttctgga aggcgtntca ctgnagggcg ngnccnataa 300
ngagcngacc ccancnccat ncttgntgnc tggagagncat gttnttgcta gcagcncctc 360
agangaagan actctcagct cctcctgtac catgctttcc tggctgctg 409

<210> 1422

<211> 337

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(337)

<223> n = A,T,C or G

<400> 1422
aagactgagg tggtagcggg agctgcgagg gncctgaacc gggccgagga gttcgcacag 60
aaattcaaca tcccgaaggc ctatggctct tatgaggaac tggccaagga cccaaacgaa 120
ggangagnnc nanntcgnca cccagcnccc ccagcanaag atcaggcagt gtcctactg 180
cttggcagca ggcaaggctg tgtctttgtg agaaacccat gggctgtgaa tgcagnanaa 240
gttcagggag atgggtgcca aagcccgttt tnaaggcgnc ttccttatgg aggnccgtttg 300
nagccgntta tttcctgccc ntgggggctc tgagggga 337

<210> 1423

<211> 311

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(311)

<223> n = A,T,C or G

<400> 1423
ggagcttcct gctcattngn nctgcnaccc ccactgctgg aacctganga gccacacact 60
gngcncnttt ntactggacc agaantnntn cggntgggaa tcagggtccc ctcccccttg 120
nttattaact aggtgtctca tcaanaaaga ttggnntttg atcagagctn acncaagaag 180
ataaaaaatc caacacgtta ggangncatg gtgcccgtgc ccgataccag aaanactacc 240
ganangccaa tctgaaggat cnntgattac ctttgtaata aacatactag gattntaacy 300
gtaaaaaaaa a 311

<210> 1424

<211> 222

<212> DNA

<213> Mus musculus

<400> 1424
aactgaggat agtcttctgg aggaacacac ccaggaaaag actgagcctc cgggtctcca 60
aaagaagaga gacaggatgt gaggagaaag ccagggtctt gtgtgcctgg tggatgtcat 120
taaggggaag gcagtctctg ctattatgct aatactggcc attgcaattt tattatgttc 180
attagtctag agtcaaggaa taacaccatt acaattctta ta 222

<210> 1425
 <211> 362
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(362)
 <223> n = A,T,C or G

<400> 1425
 agagtgccat gggcangact ctcttatgcg cancaaatta ccaccttatt nnnngcaagg 60
 cccagctncg natggccaga aggnccanac ttntactata accagcaaag tcctnatncc 120
 cagcagcagg cancttacgc ccaacnacca ccatccnana cccctcatgc ccangacttc 180
 gtatcagcgg ntgccggaga ctacagtaacc acagcttcag ncttctnagn ctccatattg 240
 ctagcancca ttccatcctc cnatgagaag tcctnaactc catatgcntc ccancatgcc 300
 anccacacaa cancattgcc cagaagccag cncctcctac ttcacaaaca caggcacaag 360
 tc 362

<210> 1426
 <211> 167
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(167)
 <223> n = A,T,C or G

<400> 1426
 cctggaactc tctatgtaga tcaggccatc cttgaactca cagagatcta tctaccagcc 60
 tctgcctctg gaatgctggg attaaaggga cacaccacca taactactac atnatgctaa 120
 gcaatgngtt nagaanatat tcctgcgggg ggtgggcatg ggagact 167

<210> 1427
 <211> 200
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(200)
 <223> n = A,T,C or G

<400> 1427
 gaactgagga attaaaccca ggacttcagn catgctaate aggtatgttg ctgttttcagg 60
 agtctcgggtg tcttctggcc tccatgagca ctgcacagac atgccacaca tccatgagtc 120
 aaaaaatcaa aacaataaca gcaacccttc ccccaaaaaa acccaaaaaa atgcataccc 180
 aacatatttt ttttttgaaa 200

<210> 1428
 <211> 132
 <212> DNA
 <213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(132)
 <223> n = A,T,C or G

<400> 1428
 tctagaataa attaccaccc tgtggaatga ccnngccngt tncgtgtgagg angaccncn 60
 tatgatggga gacatgggtc tgtnngaaca ncagnnttgg cattttatat acaggngaaa 120
 aaaaaccact tc 132

<210> 1429
 <211> 181
 <212> DNA
 <213> Mus musculus

<400> 1429
 acaagcggtta ttgctgtctc cattctgaaa aggagtaaaa gctatctgta atcaataaccg 60
 ttacgagttt aaagctttca ggcagaatca caagtacctt aaggaatcct attctctgtt 120
 tgattttgat tcaataacttg gattgcaaac actaaagtga accaaatgcc aaaaaaaaaa 180
 a 181

<210> 1430
 <211> 337
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(337)
 <223> n = A,T,C or G

<400> 1430
 ctttgtgact gcaactngat ggttggtagn acccanttct tggcccatcg ngctgngctg 60
 gcctcctgca gnccattntt tcagcttttc tacaaggagc ggggaattgg acaagagggga 120
 cctgggtgtgt attcacaatg agattgncac ggccccancc tttgggttgc ttttgagact 180
 ntatgtatgc tggccaantg gcccttaggg gagatactcc tctagaagat gtgctggcag 240
 ctgccagcta cttgcacatg aatgacattg ttaaggtttg taagcaacga ttgcaggccc 300
 gagctctggc agaggcagac agtaccaaga aggaaga 337

<210> 1431
 <211> 508
 <212> DNA
 <213> Mus musculus

<400> 1431
 aactgagagt ttggctgagt tggaagtgct gtgtactcat ctctacgtag ggaccgatct 60
 cactgaaaga atagaggctg agaaagcact cttggaactg attgacagcc cagaatgtct 120
 cagcaagtgt caacttttac tagaacaagg aacagtaagt atgagatggg tggctgaccc 180
 tgacaggcca gtgttgatga tattagccgg tggtttagct gcggtactca aagcttttgc 240
 cacatcttgt tggtgttgtt ttctgtcaga cgggttaagc aggaagaact ggaaaagctg 300
 gggagacata caggaaacag ccacaaagta gaaataggca tatggtgaaa tagttttttt 360
 cgttcttctt ggcctgggtt tatgtcacat tttatatgtt gatttttagca gtgctgggaa 420
 tgaaccaagg cctcttacat gctaggggag ctctctactg ccaagttaca tccctagccc 480
 tagcaattac atttcagaaa taaaaaaa 508

<210> 1432
 <211> 206

<212> DNA
<213> Mus musculus

<400> 1432
gactgaggct tggcgcctgc agacaaggca gcagagaaga cagaggagca tgtcggctcc 60
cctgagattg gagtgtgagg tcgttgtgag tcacccatgtg cttgctccga actgaaccta 120
ggtcctctgc aggagactct taattcctga gtcctctctc cagcttctgg cattagtact 180
tttttaatgt gagaaaatta aaaaaa 206

<210> 1433
<211> 136
<212> DNA
<213> Mus musculus

<400> 1433
ctgagggtgga aattaccagc cccgggtccc acgggggttc aagacctaaa ctcaactgga 60
gaccaggctg tctatgcata acccattgcc ccacagtggt tgtgtgtgtg tgtgtgtgtg 120
tgtgtgtgtg tgtgtg 136

<210> 1434
<211> 466
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(466)
<223> n = A,T,C or G

<400> 1434
gagaatgctg ggattatagg catggaccac accagntcna tgtcatgcta aggaacaaac 60
ccagagcttc atgcangcaa gcaggcatgc aagcaagcaa gcaagcaagc aagcagncaa 120
cattttacca gctctgttcc atccctagcc cctttctctt ctctctgggc tggcgagatg 180
gctcanaggt taagagcact gactgctttt ccagaggctc tgagttcaaa tcccagcaac 240
cacatgatgg ctcaacaacca tctgtaataa gatctgatac cctcttctgg tgtgtctgaa 300
gacagctaca ctgtacttat gtataataat aaatcttttg gcaagagcga gcagaaacta 360
agcgagtgca gttgactgga gcaagcagag gtccctaaaaa ttcaaattccc aacaactaca 420
tgaaggctca caaccatctg ttnagctaca gggtagccat atacat 466

<210> 1435
<211> 102
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(102)
<223> n = A,T,C or G

<400> 1435
catatataac agagcctgcc tttgagtcac ctgctccagn aaagaacgct gntactgtgc 60
ngtaacccca gtaaacctcat tggctctaagc caaaaaaaaa aa 102

<210> 1436
<211> 182
<212> DNA

<213> Mus musculus

<400> 1436

ggatgagcag gccagctctg ctgctctgaa ggaacaactg aaaatgaagg accagtcctt	60
gaggaaactg cagcaggaaa tggacagttt gacatttcga aatctgcagc ttgccaaagag	120
ggtggaactc cttcaagatg agctagcact aagtgaacct cgaggcaaga aaaacaagaa	180
aa	182

<210> 1437

<211> 404

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(404)

<223> n = A,T,C or G

<400> 1437

ctgtttgcct gtgcataanc catagtgcct tcgatgnntn cnttccgang ctcctnntnc	60
gcctgggacn gtnccataac aaagcangca tgggaaggnt ggatangag aaaattanca	120
aaattatcat ggaagccaca aaggggtcca gattttatgg aaatgagctc aagaaggaaa	180
agcaagtcaa tcaacggatt gaaaatatga tgcaacaaaa agctcaaatt accagccagc	240
aactaaggaa agctcaatta caggtntnna ttnnngngcc ngggggaaan nggnacaata	300
nntatnncta tcncatgngc natgctgaca tggnetntct ntatacaggg tgaggnagga	360
aggactcanc cntttgctta cgcatacnca cttctgcttg cgcg	404

<210> 1438

<211> 105

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(105)

<223> n = A,T,C or G

<400> 1438

ccaaggggct gaggtctatg ctgggcagcg gncctatgcc aaacctaact ggttgncagt	60
tggactgtcc gagggcagcc tcggttttna ttgtggatat taatc	105

<210> 1439

<211> 227

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(227)

<223> n = A,T,C or G

<400> 1439

agactgagga tgacgtctcg ggnacagctgg tgcagcaggt gctgcgcgac ctgcaggagg	60
cagtggagtc cgagggctta gagggctctca tcggtgctgc cctggaggcc aagcaggctc	120
tatcttcctt cacccttccc atctgccaga agggcgcccc tggcgctcag gtgcttggag	180
tgggactcag tggccttgag tctgtaccgg gaggatgaaa aaaaaaa	227

<210> 1440
 <211> 144
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(144)
 <223> n = A,T,C or G

<400> 1440
 aactgagatc tattttaaag attaagtant ggactnccan anccgatcgn ggtgggtcac 60
 acctttaatg ccagcncctcc ggcaggcana ggcaggctgn ttcttgagnt cnaggccann 120
 ctggactaca aagttgattt ccat 144

<210> 1441
 <211> 472
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(472)
 <223> n = A,T,C or G

<400> 1441
 ttcagggeat ctgagacctc ttctggnttc cttggggcact gnacatacag gtncctcaagn 60
 tctgcctagg tctcataca ncctgccatg ttgccttcgg cagactgnct tccattgggt 120
 tgggactaca tcacactcgg gaaggactac tgnagatgt gcctgccnnt attagatgnt 180
 cttcctggag aatcaagaag gctcaccatt gtttatcaga tgaaaaccca ggnacaacct 240
 ctantanact tcacctgaag ggggngaaag aaccggagat cttcctacag gcagtgcctt 300
 ttgccccac acaccncaca tttgtccagc ttnccttagnc tcagaagacc aggacnagag 360
 gaanctcttt cctttgatn caccgcncac ttctccccta aagtaagaac agactttgga 420
 gngcctgaac gcctgcnccc aagcttgacc atcttngccc agcccgatga aa 472

<210> 1442
 <211> 105
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(105)
 <223> n = A,T,C or G

<400> 1442
 ggataccgat gacacgccct tggctctttc tgcngccata cctttgccct ggatcgcgga 60
 gtntaatctc ttgccacat agcccaaata aaccctttca tttat 105

<210> 1443
 <211> 192
 <212> DNA
 <213> Mus musculus

<400> 1443
 agactgagct agtgggtcaaa gttgtatgtg aggctctttc aacgtaaatt aacctggatt 60

aaaatgagta aactggagta tgaagagatt gcctccgact taacccctgt ggttgaagaa 120
 ttgaaggact caggctttct acagacagaa tctgagttgc aagaactctc tgatgtactt 180
 gaaaaaaaaa aa 192

<210> 1444
 <211> 421
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(421)
 <223> n = A,T,C or G

<400> 1444
 gaactgaggt gccctgctgg aggtatgggt ggctttccag cagaagtgga tttttctgaa 60
 taaagtgcta catgagatga agatcgagtt tcctgctcct gagctgaatg ctcgtttcaa 120
 ggccatggat gatcagtatc ggactctaat ggcacatctc gtggctgacc caatggttct 180
 gtcacttata ctgcccaca ccaagaggag cccttacttc caaggccagc atctacagca 240
 aatgctgaaa gcaggatcag gagagctgga ggccatcatc atggctctgg aggatgtcct 300
 ctatggggna ngagccaact tcccccgact cttcttcctc agtgacagtg aactggtggc 360
 cctgtngncn gccctctan ataccgcga ggcccagcta tgggcacagc cttgttttcc 420
 t 421

<210> 1445
 <211> 105
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(105)
 <223> n = A,T,C or G

<400> 1445
 tgtaaaggag aaacangggc ctttctgang cactanangg accnacaact acccagaatg 60
 cnatcnggnc ggcccctnac tactgatntc tgatcctaac ctgca 105

<210> 1446
 <211> 107
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(107)
 <223> n = A,T,C or G

<400> 1446
 actgagactg agctttggtg gcagncgaca acctttgact gccttcaact ggatactgta 60
 cagagttctt gcattncttg aaaataacgt ataaaaaat gaaagaa 107

<210> 1447
 <211> 320
 <212> DNA
 <213> Mus musculus

<400> 1447
gaactgagga actcacagcc cattctccag ctacagcaaaa ggtccccagt gactcagcct 60
tggaactcca gcaggagag ccatcccaag cctagacagc aggaggcaga gagttcaaag 120
acccacgctg ggtggagctt cccgctcaat ctttctgcca tgcctactgc tggaacctgc 180
agctttgctg gtccgaagcc atcgcgatgat caccctgcta ctggactcca agattatttg 240
gcggaattg ggcccctccc ccttccttta taactgagtg ccgaaatagt aaaaattgaa 300
ccttgagcag aaaaaaaaaa 320

<210> 1448
<211> 400
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(400)
<223> n = A,T,C or G

<400> 1448
gaagactgta tcacgtgttt ccagtccagt gatgctctgc ccaagcacat gggaccaagc 60
agccatgaac tgattctcct gaaaccataa aacaaatntt tgctacttga agccaanntn 120
atgagatatt gtgacagng cnccataant aagcaggcng acttaagnta tacagaagat 180
gggnttcatg tacttacata taatagataa annaatcttt aaaaaagggg ggggctngag 240
agatggctca gnggttaaga gcaactgactg ctcttccgaa ggtcctgagt tcaaatccca 300
gcaaccacat gagggctcac aaccatccat aacaagatat gacttcctct tctggngtgt 360
ctaaagacag ctacagggtg cttacatata ataaacaaat 400

<210> 1449
<211> 545
<212> DNA
<213> Mus musculus

<400> 1449
gaactgaggg tagctccatg atgtaaagcc cttgtcaggg tacagatgca tccctagagc 60
attgtgcaga gatggacaga tagcagacac ctgcgcaact actcgccaga tgatggactt 120
catcgtgcca aaggagaaat ctgccggaga agcagcagag aaagctttgg acttctgcca 180
tgccttacat tagcagtatc ttctccaagt cctgacagcc agccccctg ggatgccact 240
gaagctctct gaattccggt cactgcttca ccttgggaag gaaggcagcc gcagccctcc 300
ccgagcagta attgacgtca cggtggtgcc aggagctgcc ccattaatat ttaatgtggc 360
ctcactgcag cagagatgca ggcaagagga actggaaggg tctatgtctc ggctcagtgg 420
agccataggg acggcactta tgggaaaggg ccttcctaag ccatccagcc tggcagacaa 480
gcaactgtgc agccctcttt agtccttggg cttaactatg aaagagccag ggcagcatgt 540
ggccc 545

<210> 1450
<211> 550
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(550)
<223> n = A,T,C or G

<400> 1450
gaactgaggt acggctttag aacacgggtga aggatacttt tcatgggtgca ggggaaggaaa 60

gccaatgctg	agannctana	anattatacn	ggaaggtngn	ggctggcatg	gtggngtacn	120
atgtgcncn	ttgancctca	agcctnatgg	ccagnnggtt	acccccacna	nncnantgtg	180
cgaatatata	aaancacntt	caccgatngc	tatcncctta	ttnnnaatcc	caantngtgn	240
gagngcaccg	ngcatgnata	gtgntngngc	gcttgcntgt	gtnattctga	acacatatna	300
cactaatggg	tatatatgat	atcctagcat	accctacttc	cnancaatgt	ttacnggggn	360
gctggcagaa	agcccngaga	cagangtagt	gatccgagac	atanatgaga	gggccatgga	420
gctcctgatt	gactttgcat	atacctccca	gatcactgtg	gaagagggca	atgttcagac	480
tctcttgect	gctgctttgc	ctcctccagc	tggcagaaat	acaggaagcc	tgcttgtgaa	540
ttotataaaa						550

<210> 1451
 <211> 329
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(329)
 <223> n = A,T,C or G

<400> 1451	
ggccaggaag	aggacacccat atctctnngn gantggagna ncagacaaca gagctgccat 60
gtgagngctg	anantcggaa ctccatgttc tctgcaggag caacaagngc tcttaaccac 120
cgagccaagc	cgactcctta gctccacatt cggaacattg tttcancgtt gggagagctt 180
ggattcatgg	ggctggagag atgggtcaaaa ggtgcagctg tcaaaagcat gtgactccag 240
gcccagggac	tccagtgtcc tatttctaate ccacaggcgt acacggggcac aggtgcatac 300
aggcatgatg	gtcatttaggc ataacaaat 329

<210> 1452
 <211> 289
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(289)
 <223> n = A,T,C or G

<400> 1452	
gaactgaggt	ggggtctttn ttanaagagc agaagcagaa gcanaancag aagcagaagc 60
agangcataa	ncattaagca gaagcagaag cagaagcaga agcngaagca gaagaagaag 120
aagaanangg	aggaggagga agaggaggaa gaggaggagg aggaggatag atgtntgntg 180
gatggatgga	tctgtggana ctgncncaca tctnatggna ttagacngca ggggtatttt 240
atnngctact	gntttctttc attcagtaaa gttgtgcagt gtatccgaa 289

<210> 1453
 <211> 118
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(118)
 <223> n = A,T,C or G

<400> 1453

attaggatgc tagctcagga ccagnccaac actgaatgta nctgtntctga gagaggatgt 60
nncgggaggn ctgcccnnngc cgcataattta ttntcngtct ttgacccatg ttaagccg 118

<210> 1454
<211> 465
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(465)
<223> n = A,T,C or G

<400> 1454
ttcttctaca caccatgct cgcgcgcgaa gtggaggacc cacaagccat cggatacatt 60
tgaccagcag ctggatatga ataataaacc tgcagtaagt gagagtgtgg ctgagatgaa 120
ggcacaggat aaaacagggc tggagagatg gcctgggtgac caagaggacc cattcccaga 180
actcacatgg cagctgacac gcatttctaa ctccaggcct aagggatctt caggtgattc 240
taatctacaa gaagtgtgct gagcacgttg accttgact tcaaagctat gaagttnnga 300
aaaatggatt tcacagtgcn gtggtggcac ataactttga tcccagcact tgggagacag 360
agacaggtgg atttctgagt tcnagggcag cctgggtttac aaaagtgaat ttncaggaca 420
gccagagcta cacagagaan ctcttgtctt cgaaaaacaa aacaa 465

<210> 1455
<211> 395
<212> DNA
<213> Mus musculus

<400> 1455
gaactgagaa gacccgagtt cagctcccag aaccaggag cagatggctc acaaatatct 60
gtaacttcag ctccaggaaa accatcatatc tcttctggct tcctttggta cccaaatata 120
cagaaaacac acacagtctt ttaaaaaagga ggagggagag gaactaaaca gactcggtta 180
aagcactggc tgcttctccg gtggggccaa gttcaattcc cagcacccat atggcagctc 240
gcaactgtcg gtaactccag aggatttgac accctctgct gccctacaca gcaccgtgca 300
caaaagtgat gcacaaccac acatgcaggc aagataccca cacatgaaca aaagaaaata 360
atcaataaaa gtaagagaga atgtaaaaaa aaaaa 395

<210> 1456
<211> 539
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(539)
<223> n = A,T,C or G

<400> 1456
actgaggtgc cagggtgatt cggaggagtg ggtgccctgc cttaaggccc cggggggaac 60
ctgccggtgc ccgatccaag gcctcggtga agggcagagc tatcggttcc gactacgcgc 120
catcagcaaa gccggcacca gtctcccttc caaggcctca gaagcagttt gtcacgggtg 180
actatgatgc agtccagaag aatacagaga ttccctatga cctgggcagc angatcacca 240
tcagcaagaa cgatttcgaa gatgctgtga ccattccctc agccccaacc aatgggtccat 300
gccagtgaga tcagagaagc ctatgcggtt ctgagctggg aggagccacg cccccggggc 360
agagccccgc tgacttacac tctggaaaag tccgtcatcg gtagtggaac ctgggaggcc 420
atcagcacgg aaacacccat caagtcccca anattcgccc tcctgggactt agaagaaggg 480

ggaaattcgt atgtcttcag aagtgaagag cccttggacc cagtaccggg atgaagtgg 539

<210> 1457

<211> 268

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(268)

<223> n = A,T,C or G

<400> 1457

actgagatat	tcctgganta	ggtacagaag	ctgactgtgt	nccgggcctc	anagctttga	60
ccacttncag	agaatctnca	gacacacact	ctgcgagcca	cagcacagtg	agactggaag	120
tcaacaatag	gccaggccag	aagcccttgt	gcaaactgca	cctaaagtca	gtcagggcag	180
ctgcttccga	ggaaggggcc	aggaagtcag	gcgatttttt	ttnccttttt	ctnttttact	240
gtacgcacct	atttgcaaaa	aaataaaa				268

<210> 1458

<211> 108

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(108)

<223> n = A,T,C or G

<400> 1458

aggggaagca	ggcccagant	gtgnntattg	ggctctatag	ggaaccnct	gtggmntttc	60
tctgatgntt	aaatttcctt	aacaanancg	gcgctttccc	ggttaacc		108

<210> 1459

<211> 162

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(162)

<223> n = A,T,C or G

<400> 1459

ttgcggactc	tcaaggatcn	nactggaagn	atggtgggtg	ccatanatag	tactgcctcc	60
agnntgagga	annccatntc	ngtncccggc	ggatcnctgt	cctattcgga	agttcctatt	120
ctctagaaag	tataggaact	tctcgacctg	caaaaaaaaa	aa		162

<210> 1460

<211> 366

<212> DNA

<213> Mus musculus

<400> 1460

gactgagatg	cctgtggggc	atggggggcca	gcgttatcag	acaggcgtga	gaactggctg	60
aatgagctaa	aacccagga	atctcagaat	cgagattcct	gagcaccggg	gtgctgacag	120

gagtgaacc	aatacccgcc	tgtctctacc	tgctctggaa	caagttacca	cgacacccac	180
tgaggaccat	gggcattggg	gcttgtagcc	taaacacctg	gagttcttct	ccatgctaata	240
gaggtgtcta	gccagagcc	ctcagccaat	gagcttcctt	tcctgggtat	tcctcacaaa	300
aggtatgtaa	attcctggtt	cacccaata	aagtattcgc	attcacatcc	accatcaaaa	360
aaaaaa						366

<210> 1461

<211> 166

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(166)

<223> n = A,T,C or G

<400> 1461

ggacgtgatc	ctggactgct	catcgtagga	acgggaaatg	tnncagnntn	gctcagagga	60
cattgtncct	ggangacatt	gntgcgngaa	atacgacaat	ctgnnttttg	tggaatatga	120
ctgntnatga	ggaaactnng	ataaggagaa	ggtcttgga	caagac		166

gaggtgtcta gccagagcc ctcagccaat gagcttcctt tcctgggtat tcctcacaaa
aggtatgtaa attcctggtt cacccaata aagtattcgc attcacatcc accatcaaaa
aaaaaa